

CS-101

Quiz 1

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CS-101

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In binary Notation 11111111 is =

255

What will be output of following OR expression 1010 OR 1111?

1111

Data were stored in memory program were part of the__.

CPU

Which type of registers is used in program execution?

Special purpose

Which of the following is used to store data in computer?

Hard Disk

Floppy Disk

Optical Disk

All of the Given

UTF-8 Uses 24 to ____bits.

32

To identify individual cells in a Computer's main memory, each cell is assigned a

unique "name" called its_____.

Address

The repetitive use of an instruction or sequence of instruction is called_____.

Loop

This finding maximum number function will keep on going until we reach at the last value [12,18,299,38,999,89,101,500,801,45]

45 each time

Dynamic ram-stores bits as tiny electric Charge.

Refreshes many times a second

The Binary Search Algorithm, what will be the mid value in second level of recursion in the following array.

[45, 77, 89, 90, 94, 99,100] and key = 99

99

Robots can be guided by an

An external control device or the control may be embedded within

Bit Is

Basic unit of storage

Which of the following language is used for server side scripting?

JavaScript

Process states include the value of the program counter as well as the contents of the

Related memory cells

How May iterations are required to find 88 in the following array? [5, 6, 77, 88, 99]

2

10.011 added to 100.11 produces

111.001

The instruction code to halt machine cycle is

C000

Which Excess notation is used to represent 100 as Zero?

Excess 4

Tag is used to write paragraph in HTML document.

<p>

Let a list Fred, Alex, Diana,
Byron,Carol After sorted
first sublist our list would be

Alex, Fred, Diana, Byron, Carol

Which of the following is not true about pseudo code?

Pseudo code is an ambiguous representation

Which of the following statement is true?

Bridge is more complex than a repeater

The storage of a value with a fractional part requires that we store not only the pattern of 0s and 1s representing its binary representation but also the position of the .

Radix point

Software packages that allow user to access hypertext on the internet are called_.

Browsers

_____is also consider as character.

Space

Word processor like Microsoft Word is an application that

Build editable word documents

Keyword is used in python language to define a word.

Def

Average amount of time required for the desired data to rotate around to the read/write head once the head has been positioned over the desired track.

Rotational delay

Appearance of each pixel is encoded to form .

Bitmap

_____ is a package containing a party's name and that party's public key.

certification

_____ refers to the address of a file (resource) accessible on the internet.

Uniform Resource locator

While sending a message it is the _____ layers responsibility to provide an address that is compatible with the internet infrastructure.

Application

If we have to insertion sort on name Fred Alex Diana Byron Carol one approach to sorting this list is to note that the sublist consisting of

Only top name

A sequence of transactions in which the user establishes initial contact with a computer operating system is called _____ ?

Log in

Program counter is a_____.

Special
purpose
register

Who have highly privileged access to the operating system?

**Super user or
authorized user**

Within a transfer category which instruction is used to communicating with device the CPU?

I/O instruction

CPU required at least_____ to fetch the instruction form memory.

Two nanosecond

Which loop structure refers as a pretest?

For

Pseudo code is language_____.

Algorithm

Average amount of time required for the desired data to the read write head once the head has been positioned over the desired track.

Rotation delay

John Von Neumann

The memory manager allocates _____

Memory space

What is the full form of ASP?

Active server page

When you search in the Google by typing Google find all those page which contain
Some of the terms given
in the query

Which protocol is suitable for wireless star network?
CSMA/CD

Which of the following is not the form of existing
VoIP system?
Softphones

Three –dimensional interfaces allow human users to communicate with computer
by means of.
3D
projection
system

GIF can obtain additional compression by using adaptive dictionary system
which technique is used by adaptive dictionary system for this purpose?
LZW
techniques

Time required to move the read/write heads from one track to another.
Rotational time

Which of the following is the component name of iterative structures in

which initial state is established.

Test

The execution of an algorithm must lead to _____

END

We need _____ Memory to store data permanently.

Non-Volatile

In analysis of algorithms _____ generally measured in term of the number of steps required to execute an algorithm

Time

An anchor tag consists of two parts: action and label. virtual university! in above example, which of the following is action part?

HREF

_____ help in finding synonyms as well as antonyms in word processors

Spelling & Grammar

Grammar and spell accuracy can be increased with the help of _____ in word processor.

Spell and grammar checker

Attribute/attributes of the good application software is/are:

Easy to install

User interface

Consistent

All of the above

If a computer could pass the Turing test then it would test then it would be able to:

Think but slower than humans

_____ Contains the name of the protocol required to access the resource, a domain name that identifies a specific computer on the internet and a pathname on the computer.

URL

VGA port is use to connect _____ device

Monitor

What will replace transistors?

Quantum computing

VULMS is an example of _____ software

Educational

Assume that you are developing washing machine in your opinion. Which operating system will be better to fulfill requirements of a washing machine?

Real time operating

Which one of the following operating system has highest security?

Unix

Analytical engine was a computer for

General purpose

Which one of these is not an example of storage device?

RAM

An HTML document is development is developed in a plain-text editor called ____.

Notepad

Loop in flow chart or pseudo code means

A set of step to be repeated as far as a specific condition remain true

The word first communication network was:

APPANET

Digital computer possess two natural states ____ and ____.

One & Off

Microcontroller is used to control ____

Electronic equipment

Which of the following is a computer storage device that saves and retrieves the data when required?

Hard disk

In anchor tag HREF attribute contains_____.

A URL

An anchor tag consist of two part: action and label.

- `<a href,"http: //www.vu.edu.pk">virtual university! </a>` In above example, which of the following is action part?

www.vu.edu.pk

If a computer cloud pass the turning test then it would be able to:

Think like human beings

Disk operating system is _____ operating system

Command driven

Punched card were replaced by:

Floppy disk

In this URL <http://www.msn.com>, what identifies the domain name?

COM

Time required to move the read/write heads from one track to another

seek time

RAM stands for

Random access memory

If we are interested to see the map of some location, we can use map operator in the following way

Map Locations

If right circular shift is performed on a. eight times. same bit pattern is obtained as it is started

Byte size bit pattern

According to famous Job market website most of the jobs are available in

Computer Science

We can use Boolean operators specially to find relevant pages.

"And "Or

Average amount of time required for the desired data to rotate around to the read/write head once the head has been positioned over the desired track

Rotational delay

Approximately how many entries a typical dictionary in a word processor can contain?

25,000 entries

The consists of the instructions that tell the control unit to request an activity within the arithmetic/logic unit

Arithmetic/logic group

CPU required at least to fetch the instruction from memory

Two nanosecond

In binary Addition $1+1$ is

10

Hexadecimal notation uses ... symbol to represent a pattern of four bits

SINGLE

One term could mean more than one thing for example word: "Jaquar" is used in two meanings such as

Animal and car

ENIAC stands for

Electronic numerical integrator and calculator

HDTV is the abbreviation of

High definition television

Each sound have a

Wave

which type of registers is used in program execution

Special purpose

RGB stands for

Red, green , blue

In.... digits on right side represent the fractional part

Binary

If you search on Google that "how can I hack?", then it would be so for your
Security
Difficult

CPU and RAM are connected with to communicate with each other
BUS

'The hexadecimal notation for: 111010000101010100010111
Is E85517

how Instruction can be fetched from the main memory to CPU?
By using Bus

There are __ Basic Boolean operations are

4

We need memory to store data permanently
Non-Volatile

In CD data is stored on 2 single-track _____ from inside outside
Spiral

The search results are generally presented in a line of results often referred to
as
Search Engine Results Pages

Generally how many steps a machine cycle have?
Three

"You can search a phrase when even you do not know word would be there at a
particular
Document

compact disk is consist of material:

Reflective

Digital versatile disk capacity isMB

600 to 700

SSDs stand for.....

solid state disk

ASCII codes have combinations

27

Unicode's have a unique pattern ofbits.

21

MIDI stands for.....

musical instrument digital interface

Integer representation in 2's complement used normallybits

32

When data being compressed consist of long sequence of same value, the compression technique is called.....

Run length encoding

SDHC (high capacity) can provide.GBs

32

Mostly computers have additional storage devices called.....

Mass storage

Most computers have additional memory device called mass storage is

DVD,s and flash drive

When you want to search Google or search a query on a particular social media, you can add a symbol?

"@"

Fact sheet of ENIAC having weight
30 tons

Example of search engine is _____
Google, Yahoo and MSN

Computer hardware is the collection of _____ of computer system
Physical parts

A machine especially one programmed by a computer are called
Robots

Computer science applications are _____
7

Data base learn about will be implemented using _____ tool like Microsoft access
DBMS

One of the earlier computer device was the _____
Abacus

1 kilo byte is equal to _____
1024 byte

1 tera byte is equal to _____
1024 GB

In one bit we can represent two pattern _____
0 or 1

The bit receiver is known as the machine
Main memory

RAM access for _____
Random access memory

The rate at which can be transferred to or from the disk

Transfer rate

BDs stand for _____

Blue ray disk

CAD stand for _____

Computer added design

Loosy techniques can often provide than _____ compression than lossless

More

A variation of dictionary encoding is _____ Adaptive

Dictionary encoding

_____ is storage organization in which are ordered in FIFO fashion

Queue

Techniques that allow the steps in the machine cycle to overlap

Pipelining

MP3 do not require transfer rate more than....

64 Kbps

_____ Successfully relayed on communication paths having 40 Mbps Transfer rate

MPEG

CPU and main memory connected via.....

Bus

MP3 is short for.....

MPEG layer 3

The best known system for compressing audio is.

MP3

The idea of storing a computer's programmer in its main memory is called.....

Stored program

Concept

CPU is designed to recognize instructions encoded as

Bit patterns

Collection of instructions along with the encoding system is called

Machine language

RISC stands for

Reduced instructions set computer

A request to transfer the contents of a register to a memory cell is called.....

STORE instructions

The commonly used standards for encoding and compressing audio and video were developed

MPEG

CPU consists _____ parts:

3

The use of AND operation is an example of the process _____.

Masking

8Kbps=_____ :

1KB per second

Communication between computer and other device is through apparatus
Called _____

Controller handling

The ability of a controller to access main memory called _____

DMA

WAN is abbreviated of:

wide wire network

The best known system of compressing audio is _____

mp3

Mp3 recording generally require transfer rates of no more than _____ kbps

64

To compare sequence of picture in MPEG only some of the pictures called

I – frame

A machine CPU and main memory are connected by a collection of wires called?

Bus

The idea of storing a computer's program in its main memory is called?

Store data

The now decode the content of its instruction register and executes its by activating the two's complement addition circulatory with inputs being register?

5 and 6

The use of AND operation example of the process called ?

Masking

The result of circular shift is called?

Rotation

USB and Fire wire provide several?

Hundred Mbps

Communication between computing device is handled over path?

Serial and parallel communication

Gbps is _____

Billion Bits

The portion of an operating system that handles this communication is often called the

user interface

Most file manager allow files to be grouped into a bundle called

Folder

A chain of directories within directions called _____ path

Directory

Components of an operating system's kernel is the

Memory manager

The memory manger reserves of storage space on a magnetic disk

4GB

Rom stands for

Read only memory

Culprit that auditing systems are designed to detect in the presence

Sniffing software

A network of former type is called _____ network

Open

Computer network is often classified as:

All of these

The technique of holding data for output at a later but more convenient time is called

Spooling

A technique that transfer the distribution problem to internet routes

Multi cast

A programmer that enters a computer system disguised as a desirable programmed _____.

Trojan horse

Transporting audio and video across the internet in real time is known as

Streaming

If a user is using CGI script on a UNIX server, then the script type is called _____

Scripting

XML stands for

Extensible markup language

OSI stands for

Open system interconnection

_____ is a software that infects a computer by inserting itself into programs that already reside in the machine

Virus

_____ is an autonomous program that transfers itself through a network, taking up Residence in computer and forwarding copies of itself to other computer

Worm

Another form of malicious software is

Spyware

DOS stands for

Denial of service

Problem associated with an abundance of unwanted messages is the proliferation of unwanted email called

Spam

Prevention tool that has filtering connotation is the

Proxy server

SSL stands for

Secure socket layer

Public key is used for _____ messages

Encrypt

Virus is executed in a computer

Before execution of Host

Explosion of replicated copies that degrade the performance of legitimate application. This is property of

Worm

Trojan can enter

through games and utility package

Spyware also called

Sniffing software

Process of overloading a computer with messages.

DOS

Software that act as a shield to protection from adverse proxy server actions

Spam filter can distinguish between desired mail and spam

True

Which key is required to decrypt messages

private key

Computer Fraud and abuse act Cover

Theft of Information and worms and viruses

Repeaters passes signals between

Two original buses

A bridge is similar to a

Repeater

Peer-to-peer often abbreviated as

P2P

_____ Service allow clients to rent virtual computers by the hour, without concern for where the computer hardware is actually located.

Amazon's Elastic Compute Cloud

The distinction between the tier-1 and tier-2 ISPs is often a matter of opinion

True

An access ISP is essentially an independent internet, sometimes called

Intranet

The process of using DNS to perform a translation is called

DNS Lookup

VoIP is the abbreviation of

Voice over Internet Protocol

An enormous portion of current internet traffic is used for transporting audio and video across the internet in real time, is known as

Streaming

WWW is the abbreviation of World Wide Web

True

A networking technology called _____ which enables an end user to automatically connect to the closest server out of a defined group of servers helps to make CDNs practical

Any cast

A second form of VoIP consists of

Analog Telephone Adapters

The point at which one network is linked to an internet is often called

Gateway

Distributed system in which many in-dependent computer work closely together to provide computation or service comparable to a Mach larger machine?

Cluster computing

Each domain must be registered with ICANN process handled by companies called?

Registrars

DNS mean?

Domain name System

Software packages that allow users to access hypertext on the internet fall into categories?

Browsers and Webserver

Essentially a notational system by which a text document along with the document's appearance can be encoded as a simple text file

HTML

Hypertext document also contain special symbol called?

Tags

URL means?

Uniform Resource Locator

Common Internet browsers include_____

Firefox, safari

The distinction is that a hypertext document also contains special symbol

Tags

A traditional hypertext document is similar text file because text is HTML ____ encoded

Source version

HTM is essentially a notional system by which text documents.

Simple text file

Music is traditionally represented does not conform the character by character
text file

The additional activity by either the browser or the web browser
client side

Then it hands these segment known
Packets

OSI standard for
System interconnections

Origin prepare a packet it appends a value called
Hop count

If two functions were performed 'PROCESS LOAN' AND ' REJECT APPRECIATION' what should be structure of problem
If-else method

What should be sequence?
Problem-devise plan-carry plane

Stepwise refinement is a strategy to conquer _____at once
Task

As a general rule the use of a loop structure produces
Higher degree of flexibility

A method of implementing repetition is the iterative
Loop

Change the state in such a way that it moves towards the Modify termination
Condition

In each iteration "i" the current value of "i" will
Multiplied With current value of "f"

The control of a loop consist of how many activities

Three

Repeat loop structure referred to as a

Posttest loop

If we reach the end of the list without finding the target

Failure value our search terminates as....

In which collection of instructions called

Body of loop

Write a _____ for finding maximum number from a list

Pseudo-code

The loop will keep executing until _____ remains smaller

l or equal to n

Set of steps that define how a task is performed is called

Algorithm

In Unambiguous, the information in the state of the

True

A single algorithm can be represented in

Many ways

The sentence, _____ could mean either that

“Visiting the grandchildren cause problems when they come to visit grandchildren or that going to see them is problematic

Can be nerve racking”

One semantic structure is the _____ of a computed

Saving value

Another common semantic structure is no any reparation

True

In _____ a man in Texas received very high radiations.

1986

Which is not the advantage of software verification?

None

Computer can execute.....of instructions in a second

Billions

In general a recursive function is designed to test for the termination condition often called

Base or degenerative case

One method of implementing such repetition is the iterative structure known as

Loop

In which execution of function the tested condition we're true. ??

process loan

Select the entry in the list known as

test entry

A _____ methodology progresses from the specific to the general

Bottom up

The collection of instructions called

Body

the loosely defined problem solving phases presented by the mathematicians G.polya in _____

1945

Test for termination is performed before the body is executed in pretest loop

True

In insertion sort Algorithms lists are sorted out into

Alphabetical order

IF our target value is not present in oriental list, our approach to search will proceed as:

By dividing into smaller segments

Binary search executes each stage of a repetition as a subtask of the previous stage, known as:

Recursion

A recursive function is designed to test for:

Degenerative and base case and termination condition (All)

Which of the following is not true about firewall?

Firewall protects the entire network from inside intrusion

As we are dealing with two bits while adding them, there could be _____ possibilities.

Four (4)

We can represent 2^{16} _____ numeric values.

65536

The core of reverse engineering is an activity called

Extract abstractions

_____ tag contains the information related to metadata that is not usually displayed on the webpage

<head> </head>

What is the ASCII code for alphabet "A" ?

65

_____ operator will give us only those web pages in which the searched term appears in the title of the web pages.

Initial

The process of using DNS to perform a translation is called a _____
DNS lookup

_____ refers to distributed systems that are more loosely coupled than clusters but that still work together to accomplish large tasks.

Grid computing

BOINC is abbreviated for _____

Berkeley's Open Infrastructure for Network Computing

Each router maintains a _____ that contains the router's knowledge about the direction in which messages should be sent.

Forwarding table

In CS, we store and link data in an organized way using

DBMS

Which of the following application may not be considered as network based application?

Text editor application

Which of the following technology is not related to the client side working?

Java applets

It is the responsibility of transport layer to

Determine the direction in which to forward packets

Each Textual Symbol is represented with a _____ pattern

Unique bit

In insertion sort, how will the array of elements look like after second comparison? {34,8,64,51,32,21}

8,34,64,51,32,21

First software for implementing the web was released in _____ March,

1991

If you are interested to search a query for a specific file type, you can include such _____ in query.

File type

One of the best solution that no one can take your data from your computer.

Using password

Which of the following tag has no ending tag in html?

**
**

_____ indicates the location of the document within the host of system file.

Directory path

N-unicast refers to;

One unicast stream by a sender to a single receiver.

Which of the following is not the advantage to TCP over UDP?

Efficiency

While structure starts with checking _____

Condition

By starting the CPU first of all enters in _____

Privilege

_____ is a short version of binary digit, a smallest unit to store data

Bit

Email is less time sensitive, so the mail servers use _____ to transfer email .

SMTP

Which of the following is not a malware?

Antivirus

The term used for removing process from process table is called _____ process.

Dropping

Most ----- codes today are Huffman codes _____

Frequency dependent

Which of the following language is used for client side scripting?

JavaScript

_____ keyword is used in python language to define a word.

Def

The node or PC which sends requests for services is called _____

Client

Computer hardware is the collection of _____

Physical parts of a computer system

Someone can conclude that specifications of a software are met or not may

Requirement gathering

Loop, is executed in a repetitive fashion under the direction of some

Control process

_____ is abstract and distinct from its representation

Algorithm

The bit 0 represents the value false and the bit 1 represents the value.

True

JPEG is mostly used for _____

Large image compressing

VoIP consists of two processes on different machines transferring audio data via the _____ model.

P2P

In binary numbers, decimal point is known as ____.

Radix

USB and Firmware several hundred ____

Mbps

HTML supports ____ levels of heading tags.

Six

Which of the following is the correct sequence of network layers for the flow of message at the sender side?

Application layer to

Releasing space in the ____ can break the deadlock and allow the remaining processes to continue their tasks.

Process list

Computer hardware is the collection of ____

Physical parts of a computer system

A pseudo code must have a consistent, concise notation for representing recurring ____ structure.

Semantic

The process involved in a ____ is the copying of the data rather than moving it

Transfer instructions

A process is called to be in ____ state if it contains its progress.

Ready

The most popular system for representing integers within today's computers is ____'s complement notation.

Two

In Background insertion sort algorithm works on ____ code

ANSI

Distinction between program believed to be correct and the program that is correct is

Software Verification

Polya's analysis of problem solving is to evaluate the solution for Polya's analysis of problem solving is to evaluate the solution for

Accuracy

A _____ methodology progresses from the specific to the general.

Bottom up

Repeated erasing slowly _____ the silicon dioxide chambers.

Damages

Each on-demand stream is effectively _____ from a media server that stores the content to the end user that wishes to retrieve it.

Any cast

Which register contain the address of the next instruction?

Program counter

Most computers manufactured today used at least for storing values in floating-point notation instead of 8 bits we have used here

32 bits

If a client want to execute some scripts at the server end and server start executing the script blindly, this may cause security concern on both server and the

client side

If you want to search for an exact phrase on Google than enclose it in

@

While performing the process _____ compares each memory reference to registers to ensure that the reference is within the designated limits

The CPU

The originator of a message can encrypt the message using the **Private key**

CPU and RAM are connected with _____ to communicate with each other.
BUS

You can search images even by giving a query of another image using Google image

Link

Computer Fraud and abused act passed in **1984**

Which of the following is the variation of firewall?

Spam filters

Which of the following is the component name of iterative structure in which initial state is established?

Modify

Sequential search involves a circular form of repetition, the binary search executes each stage of the repetition as a subtask of the previous stage
_____ known as

Recursion

Which of the following case does not exist in complexity theory?

Null case

_____ tells how many places are required to move radix point.

Exponent field

Another cause might be that the signals from the different machines are blocked from each other by objects or distance even though they can all communicate with the central AP (a condition known as the)

Hidden terminal Problem

The computers of the _____ were not very flexible or efficient.

1940s and 1950s

The binary search algorithm uses _____

Divide and conquer method

www stands for

World Wide Web

What does FTP stands for

File Transfer Protocol

Three-dimensional interfaces allow human users to communicate with computers by means of

3D projection systems

A negative exponent would mean to move the radix to the

Left

CD stands for

Compact Disc

_____ loop structure refers as a pretest loop?

While

In which type of communication several signals are transferred at the same time, each on a separate line?

Parallel

MIME protocol is _____

An extension to

SMTP for

Multimedia messaging support

Email is less time sensitive, so the mail servers use _____ to transfer email

TCP

Each router maintains a _____ that contains the router's knowledge about the direction in which messages should be sent

Forwarding table

The _____ in the state of the process must be sufficient to determine uniquely and completely the actions required by each step.

Information

Due to the volatility and limited size of a computer's main memory, most computers have additional memory devices called _____

Mass storage

When applied to a list with n entries, the sequential search algorithm will interrogate an average of _____ entries

$N/2$

The repetitive use of an instruction or sequence of instructions is an important algorithmic concept. One method of implementing such repetition is the iterative structure known as the _____

Loop

`<a>` is called the _____ tag in HTML document.

Anchor

Let a list Fred, Alex, Diana, Byron, Carol. After sorted first sublist our list would be

Alex, Fred, Diana, Byron, Carol

_____ is a malware which gathers data about your activities on the system and forwards it to the outside party without your consent

Spyware

In binary notation 11111111 is ----.

255

Who introduced the idea of storing the program in main memory?

John Von Neumann

If the bit sequence 0001 0111 is subjected to a circular shift of one bit position to the right would generate

1011

You might search the followings or similar thing and might get unpleasant results which might depress you.

Skin Condition

One is that a CPU should be designed to execute a minimal set of machine instructions. This approach is called a

RISC

While searching weather we will simply add

The location with the word "Weather"

P2P model based streaming approach is preferred over N-unicast because

It supports more unicast streams than N-unicast

One of the major uses of the _____ operation is for placing 0s in one part of a bit pattern while not disturbing the other part.

AND

The efficiency of _____ makes it the protocol of choice for DNS lookups and VoIP.

UDP

Avoid searching the following

Pressure cooker bomb story

On Social media, sometimes, a particular _____ is very popular.

Hash tag

By attaching _____ signature to a message, the sender can mark the message as being.

Authentic Single signature

The binary of 8 in 2's complement notation will be 1000, what will be the binary of -8?

1000

The _____ divides long messages into small segments, which are transmitted over the Internet.

Transport layer

By using 16 bits in 2's complement notation how many maximum positive Number can be represented

32768

What does MIDI stand for?

Musical instrument digital interface

Binary notation is a way of representing numeric values using only the

Digits 0 and 1

In which type of communication several signals are transferred at the same time, each on a separate line?

Parallel Communication

_____ connects computer over a large geographical area or world.

WAN

Internet is a type of

Network

Appearance of each pixel is encoded to form

Bitmap

_____ refers to the address of a file (resource) accessible on the Internet.

Uniform Resource Locator (URL)

User can see directories or files by using

Window explorer

Problem-solving phases presented by the mathematician _____ in 1945.

G.Polya

In a general-purpose computer, a program called the _____ is permanently stored in the machine's ROM.

BOOT loader

JPEG is mostly used for _____?

Photography industry

We have cleared off enough space for the cards but are not allowed to push additional materials back to make more room. The restriction is in _____

Computer applications

Quantity associated with each position is _____ the quantity associated with the position to its right

Twice

The loudness of sound varies directly with the vibrating

Amplitude

The set of tasks that ensures the software is correctly implements a specific function is known as

Validation

Computer science has made hacking bank account

Possible

Once an intruder (or perhaps an authorized user with malicious intent) gains access to a computer system, the next step is usually to explore, looking for information of interest or for places to insert

Destructive software

Which of the following techniques is used to place the bit in the hole at the left end if it fell off the right end?

Circular/rotation shift

The instruction code to halt machine cycle is

C000

Most computers manufactured today use at least _____ for storing values in floating-point notation

32 bit

Pre written mathematical expressions or formulas are

Called symbols

With computer science the access to private information has

Increased

Proofing group is in which ribbon of MS word

Review

Which one of the following is a robot used in medical field

Belgian robot

Learning procedural knowledge usually involves a process

Trial-and-error

The fifth group in the home ribbon is the

Editing

Pages is an option in the ribbon

Insert

Undo I used by

Ctrl+z

The Turing test result of program DOCTOR developed by Joseph weizenbaum was

Passed

The communication between people because of computer science has

Improved

The amount of paper American use in a year is

85 million tons

Attacks that can be made to prevent access to websites

DDOS

In context of health, computer science have impacts both

positive & negative

Matching geometric characteristics technique cannot read

Handwritten material

Find option includes

Go to

A track that leads to a simulation oriented methodology

Theoretical

In Belgian pepper robot works in

Hospitals

American throws away pieces of paper each year which is equal to

1 billion trees

Social sites includes

Twitter

Style group in MS-word can have

Shading

In the United States the Privacy Act of 1974 was to protect citizens from abusive use of databases

Government

Procedural knowledge is learning

"how"

Requiring certain degree of uniformity of the style, size and orientation of symbols is a(n)

Disadvantage

Shortcut key of cut is

ctrl+x

The option of bullets is in group

Paragraph

A _____ is a file that is accessed in a serial manner from its beginning to its end as through the information in the file

Sequential

Each time a process finishes task the operating system either allocates the resource to a waiting process or, if no process is waiting, it _____ the flag.

Clear

How many steps does a machine cycle generally have

3

Search Engines can search _____ type of information.

Documents, Images, videos

For Sequential Search Algorithm technique, it is

to be list as sorted in alphabetic order in case of names list

In Computer, GUI stands for

Graphical user interface

Which kind of server works as an intermediate between the client and server.

Proxy server

When you type a query in the search bar of google. Google finds all those pages which contains

All the terms given in the query

In binary notation, we can represent _____ numbers if we have n bits

2^n

A single algorithm can be represented in _____ ways

Many

Which of the following language is used for client side scripting?

JavaScript

To store an image in the memory, appearance of each pixel is encoded to Form

Bitmap

_____ is transfer data one after the other.

Serial communication

_____ contains the information needed by a browser to contact the proper server and request the desired document

URL

The large fictional memory space created by paging is called

Virtual Memory

Basic arithmetic operations are

(+, -, *, /)

Which program do you use to create a spreadsheet

MS Excel

Robots can be guided by

An external control device or the control may be embedded within

A ___ transport layer is said to establish a connection before sending a message

TCP

UDP is a protocol used for communication; the full form of UDP is

User Datagram Protocol

The architecture philosophy with which a CPU is designed to execute a minimal set of machine instructions is called:

RISC

The control of a loop consists of the _____ activities

3

Which of the following is a significant asset to a computer's Performance

Direct Memory Access (DMA)

A company can develop

for which it chooses to maintain

Ownership rights

Proprietary systems

Who introduced the idea of storing a program in main memory?

John Von Neumann

Pixels (picture element) are

Collection of dots

The connection between networks to form an internet is handled by devices Known as

Router

The search results that are generally presented in a line often referred as **Search Engine Results Pages**

___ is a table used in GIF that can hold up to 256 distinct colors from RGB color space.

Palette

Each router maintains a _____ that contains the router's knowledge about the direction in which messages should be sent.

Forwarding table

A _____ methodology progresses from the specific to the general

Bottom up

Using MPEG techniques, video presentations can be successfully relayed over communication paths that provide transfer rates of.

40 Mbps

The process of dynamically allocating tasks to the various processors so that all processors are used efficiently is known as

Scaling

Which of the following are the graphical objects used to represent commonly used application?

Icons

In binary system, we can use only ___ or ___ at each position.

0-1

The small segments of long messages in terms of computer network are called

Packets

Scheduler maintains a block of information of all processes in main memory in table

Process

The node or PC which sends requests for services is called

Client

Approximately how many entries a typical dictionary in a word processor can contain

25,000 entries

Encoding 160 What is the full form of PHP.

Personal home page

Using MPEG techniques videos presentation can be successfully relayed over communication paths that provide transfer rates of

40 Mbps

The extent to which air particles are displaced is called ___ of sound.

Amplitude

Repeated erasing method in flash drive technology slowly_____the silicon dioxide chambers.

Damages

Most_____codes used today are Huffman codes.

Frequency-dependent

The sum of seek time and rotation delay is called as_____.

Access time

Which protocol is used to connect to news servers and transfer news articles between systems?

NNTP

Sequential search involves a circular form of repetition; the binary search executes each stage of the repetition as a subtask of the previous stage known as

Recursion

Which protocol is suitable for wireless star networks?

CSMA/CD

What is the name of the ability of a controller to access main memory?

Direct memory access DMA

Each Textual Symbol is represented with a _____ pattern.

bit

Which of the following technology is not related to the client side working?)

One bit can contain only _____ value.

Two

Software packages that allow users to access hypertext on the Internet are called

Browsers

As a general rule, the use of __ produces a higher degree of flexibility that would be obtained merely by explicitly writing the body several times.

Loop structure

Windows uses graphics to make program easier to use, such graphics are known as _____.

GUI

A right circular shift of 3 bits on a string of 8 bits is equivalent to a left circular shift of how many bits?

5

According to 0.1 to 1.1 produces the number _____.

10.0

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