1. What is software? What is software engineering?

Answer:-

What is software:

Software is a collection of instruction, information and data.

What is software engineering:

Software is a set of data, instruction processes that helps you to complete particular task of a specific purpose. But to perform this specific task there are so many tasks running behind it.so this all the processes and tasks that help us to get the work done is called as software engeening.

1. Explain types of software:

Answer:-

There are 5 types of software.

1. System software
2. Application software

There are three types of application software:

* Mobile application

Applications that running on phone that is called mobile application.

Ex: Instagram , WhatsApp

* Desktop application

Vs code, Ms office, web browser, turbo c++ is desktop application.

* Web application

App that run in browser is called weeb applications.

1. Programming software

* High level(near to human far to machine)
* POP(procedure oriented language)

C,basic, fortan

* OOP(Object oriented language)

Java , c++, pearl, .net, c#

* logical programming

prolog

* functional programming

python

* scripting language

JavaScript. PHP, angular, react

* Low level(near to machine , far to human)

1. Driver software

Driver are usedto run software.

1. Middleware software

Ex: databsse

1. what is SDLC? Explain each phase of SDLC.

Answer:-

SDLC is stands for software development life cycle

THE SOFTWARE DEVELOPMENT LYFE CYCLE

1. planning:

the first step is planning.

In this step developers will plan for the project.

1. analysis:

second step in sdlc is analysis.

In this step gathering all specific details which is required for project.

1. Design:

Third step of sdlc is design.

In this step developers define the details of product.

1. Implementation:

This is third phase of sdlc

Implementation means

1. Testing:

After implementation you have to make sure that website is work properly or not.

1. Maintenance:

4. What is DFD? Create a DFD diagram on Flipkart

Answer:

DFD stands for data flow diagram.

It is a graphical representation of application.

DFD elements are:

◦External Entity

◦Process

◦Data Flow

◦Data Store

Flip cart diagram

-0 level diagram:

DFD level 0 is also called context diagram.

user

admin