

1. What is software? What is software engineering?

Ans : Software is use to operate computers and execute specific tasks which is created using executable codes and set of instructions

Software engineering is used to operate software application by dealing with design , development, testing and maintenance.

2. Explain types of software?

Ans : There are mainly three types of software .

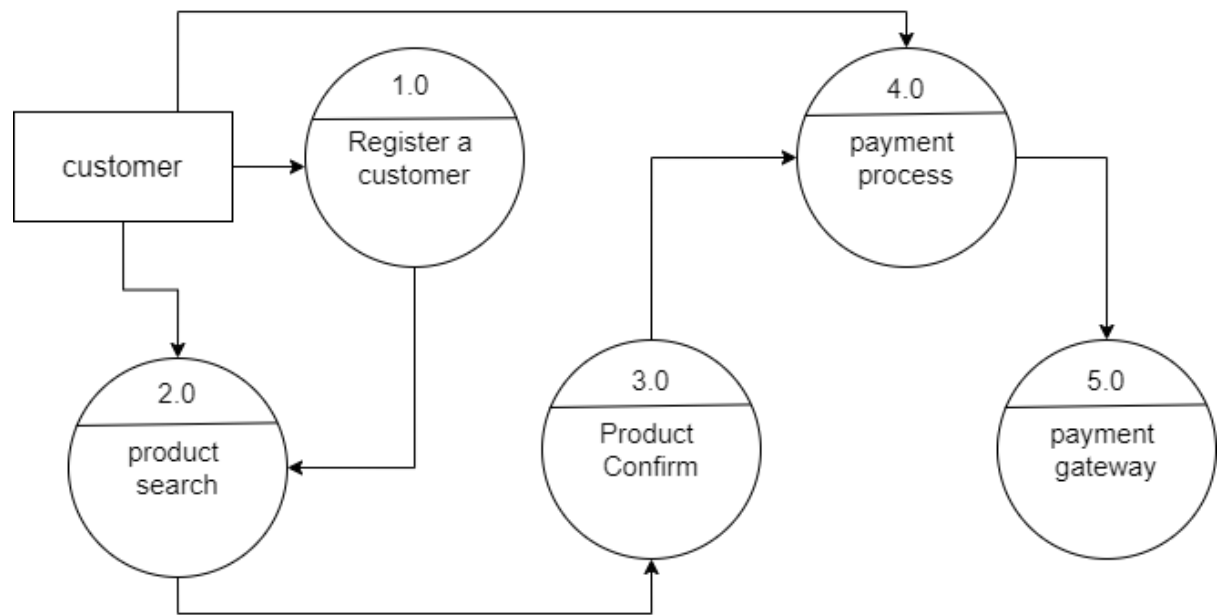
- 1) System software → It deals with OS , device drivers
 - 2) Application software → It deals with Microsoft office , antivirus
 - 3) Utility software → It deals with CAM --> Computer Aided Manufacturing , CAD --> Computer Aided Designing
3. What is SDLC? Explain each phase of SDLC?

Ans : SDLC stands for software development life cycle. It describes the process of creating and maintaining process.

- 1)analysis → analysing
- 2)planning → planning to create software
- 3)designing → designing the software
- 4)development / implementation → developing and implementation of the software
- 5)testing → testing the developed software
- 6)deployment → deployment of the software
- 7)maintance → maintaining the software

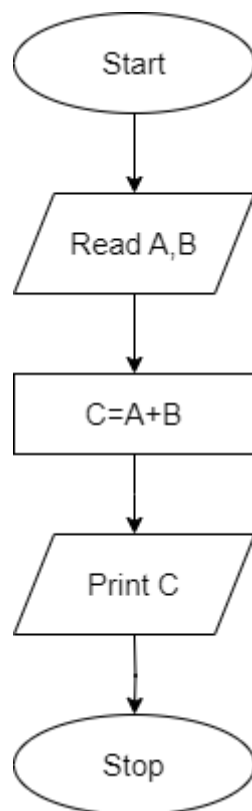
4. What is DFD? Create a DFD diagram on Flipkart?

Ans : DFD stands for data flow diagram. DFD is used for the better understanding. It is used so that the both technical and non-technical users understand the system.



4. What is Flow chart? Create a flowchart to make addition of two numbers.

Ans : Flow chart is a diagram that shows the process in an easy and understandable way.



5. What is Use case Diagram? Create a use-case on bill payment on paytm.

Ans : Use case diagram shows the process of user and the interaction between the user and admin.

