Q 1). What is software? What is software engineering?

Software:-
 Software is an collection of instruction information and data.

Software engineer:-
 Is an approach to software development and making software.

Q 2).Explain types of software
 There is a 4 type of software.
 1). Application software
 2). System software
 3). Driver
 4). Programing software

1). Application software:-
 Application software is an work on p.c. and mobile and they have 3 types

    1) Mobile software:
        mobile software is only work on mobile like Ex. call, Instagram, WhatsApp etc.

    2) Desktop software:
        Desktop software perticular work on desktop, like Ex. Notepad, Microsoft office, etc.

    3). Web application:
         Web application call as web   browser who can use through the web browser ex.
Chrome, Mozilla, brave, etc.

2). System software:-
 System software call as system OS. who can help to run any machine without an any system OS machine can't run
Ex. iOS, Android, windows etc.

3). Driver:-
 Driver is help to run any features
At least drive need a drive to connect any features to the computer ex. Printer, usb, earphone, etc

4).Programing software:-
 Programing software is using for an developing a software

    1). Compiler:
        Compiler can run whole programme at once with the error. Compiler is translate a computer code to a machine language.

2). interpreter:
   Can read program line by line and stop an error further won't move into the next line until solve the error.

Q 3). What is SDLC? Explain each of the phase of SDLC?
  SDLC knows as software development life cycle. Is a process to creating high level software And they have few phases

   1). Planning:
   First is planning to how we make software and what we want just like a blueprint what client requirements and etc.

   2). Analysis:
   Analysis about product and gethering information analyse the interest of viewers and etc.

   3). Design:
   Design is an giving a good look to your software to create a view like icon, emojis, colour of themes, text styles, animation, etc.
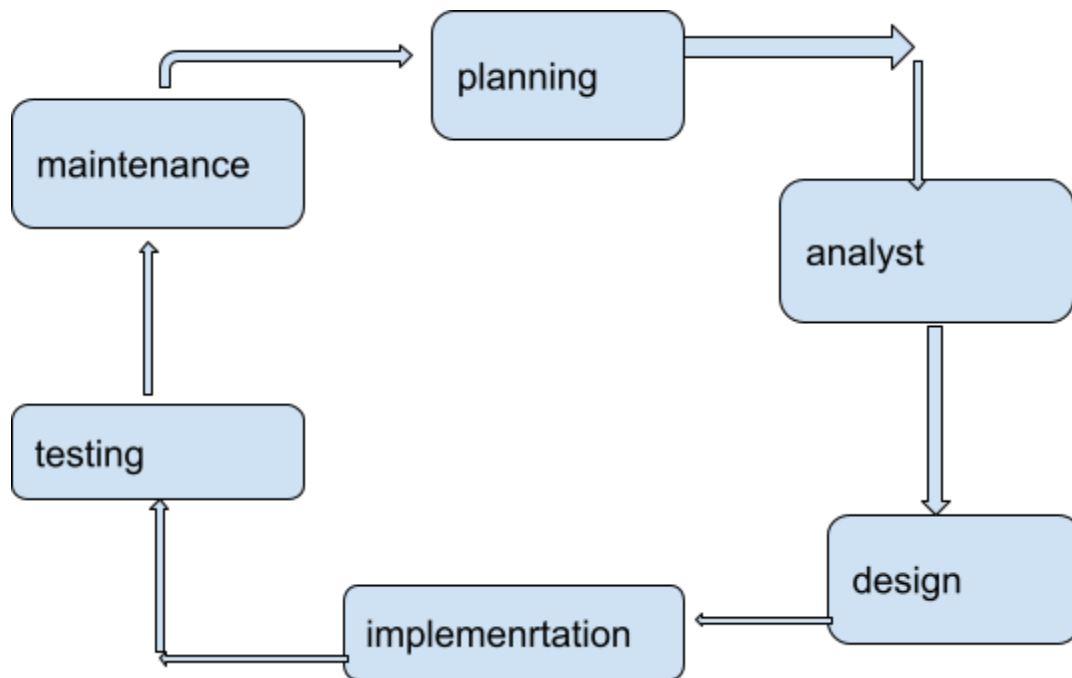
   4). Implementation:
   In this just implement to the feedback and what owner what to improve and what gathering information to improve the software quality experience

   5). Testing:
   Testing the software or website before releasing in market to software or website is properly running or not they have any issues like lage, hanging, any code error etc.
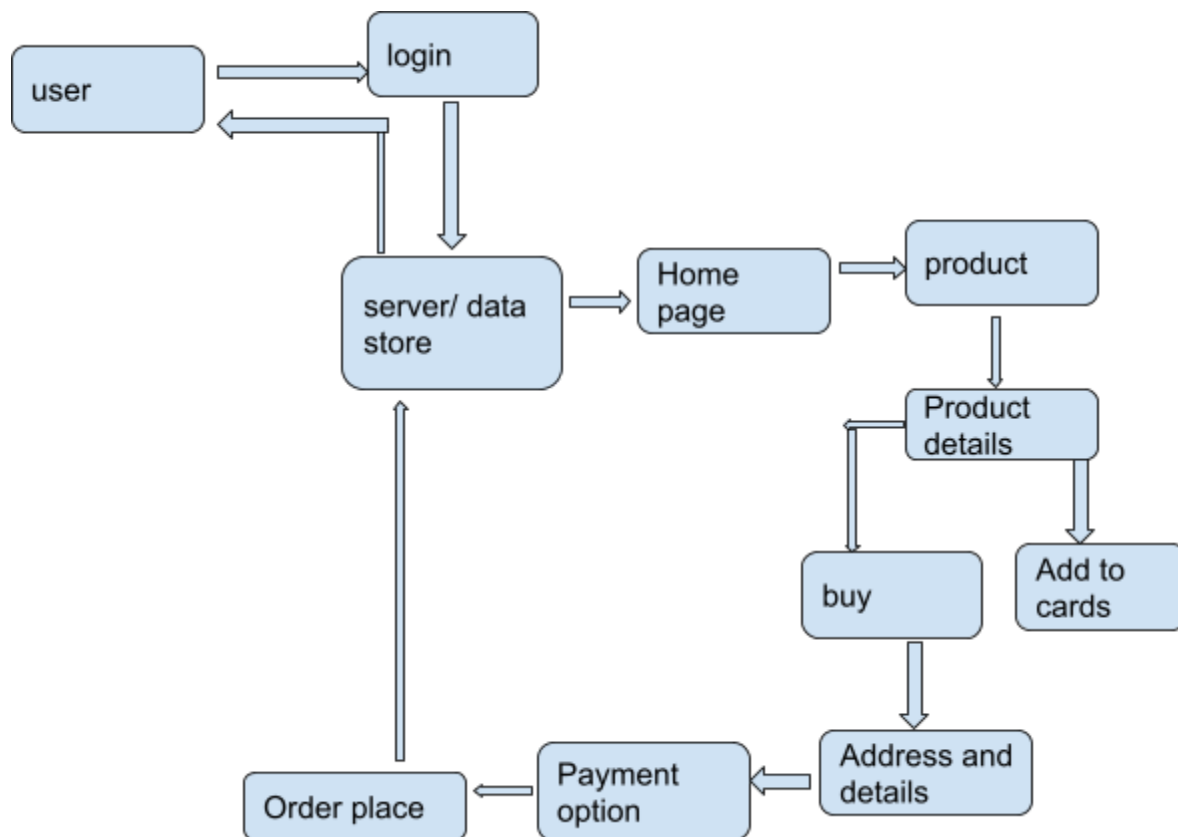
   6). Maintenance:
   Maintenance work take care everything work properly checking to all process work smoothly.

Q 4). What is DFD? Create a DFD diagrame on flipkart?

Dfd is show to how data flowing inside the software and its makes easily to understand the software data flowing dfd knowns as data flow diagram.

Dfd have 4 elements:
1) external entity
2) Process
3) Data flow
4) Data store

1) External entity:
Perform task from externally like admin. Its process from externally

2) Process :
Its shows of data flows process and each process have input and output

3) Data flow
Its a flowing a data which can flow up down right left in any direction like payment and order etc.

4) Store data:
Its simply store the data in database like id

Q5 what is use case diagram? Create use case on on bill payment on paytm
Use case diagram shows process of algorithm use case chart create to easily understand formulation of computer and they have few symbols.