MODULE: 1

SE – Overview of IT Industry

1. What is software? What is software engineering?

-> Software is a set of instructions and all data tell how to perfrom so basically software is a part of computer and include application like opertaing system , application software and many more.

-> software engineerning is the process of planning , analysis , design , testing , maintaining software

2. Explain types of software

-> so basically there are 5 types of software

1) Application software

-> Google Chrome

2) System software

-> Windows , ios , linux

3) Driver software

-> Audio and video driver

4) Middleware software

-> Amazon

5) Programming software

-> Vs code

3. What is SDLC? Explain each phase of SDLC ?

-> Well sdlc is a Software development life cycle and there are 6 phase of sdlc

1)Planning - Which type of your project so planning is the most impotant thing in software without planning is not working.

2)Analysis - After planning doing some analysis reserch and all

3)Design - So planning and analysis after we can go for design how to

look.

4)Implementation - So design base start code

5)Testing - After code we can check and testing there are no bugs or anything

6)Maintenace - And after all provide support to maintain this software or application

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

-> Well DFD is a Data Flow Diagram and it's create all data into design flowchart .



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

-> Flowchart is a diagram that represent all work in graphic and anotherone is they guide step-by-step how to do or how to work many more type of flowchart.



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

-> A use case diagram is simple how users interact with a system and how all works this is helping to understanding between user and system or user and client.

