1. What is software? What is software engineering?

The programs and other operating information used by a computer is called software.

Software engineering is a process of developing a software product in a well-defined systematic approach.

1. Explain types of software.

* Application software
* System software
* Programming software
* Driver software

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

SDLC is stand for Software Development Life Cycle.

1)Requirement: (customer)= SRS (software requirement specification),BRS, FRS, BRD, FRD etc.

2)Analysis: (architecture)=language, test plan, use case, flow chart/algorithm.

3)Design: UI/UX (Figma /photoshop)

4)Implementation: coder/developer

5)Testing: BUG

6)Development: release

7)Maintenance: corrective maintenance

Perfective maintenance

Adaptive maintenance