1.what is softwar ?what is softwar engineering?

🡪 softwar a set of instructions, data or programs used to operate computers and execute specific tasks.

\*softwar engineering

🡪softwar engineering  the processof developing,testing and deploying computer applications to solve real-world problems by adhering to a set of engineering principles and best practices .

2**.Explain types of softwar?**

**🡪1:-Application softwar**

**🡪application softwar is a computer softwar package that performs a specifics function directly foa an user.**

**\*example:-**

**🡪office,excel,word,power point,outlook,etc.**

**🡪2:-system softwar**

**🡪system softwar is type of computer program that is designed to run a computer’s hardawar and application programs.**

**\*types:-**

**🡪operating system**

**🡪language processor**

**🡪utility softwar**

**3.what is sdlc?**

**🡪The software development lifecycle (SDLC) is the cost-effective and time-efficient process that development teams use to design and build high-quality software. The goal of SDLC is to minimize project risks through forward planning so that software meets customer expectations during production and beyond.**

**\*each phase sdlc**

**🡪** **planning, analysis, design, development, testing, implementation, and maintenance.**

**4.what is dfd?**

🡪**DFD is the abbreviation for Data Flow Diagram. The flow of data of a system or a process is represented by DFD.**

**5.what is flow chart?**

**🡪A flowchart is a picture of the separate steps of a process in sequential order.**

**6.what is use case diagram?**

**🡪Use-case diagrams describe the high-level functions and scope of a system.**