• What is software? What is software engineering?

* Software Engineering is a Technique Through Which We Can developed or created. Software for computer system and any other electronic device.
* In other words, Software engineering is a process in which user needs are analysed and software is design base on there needs.
* In software engineering the development of software using well define scientific principal method and procedures.
* Software engineering build these software and application by using designing and programming languages.
* In order to a complex software, we should use Software engineering technique as well as to reduce the complexify we should use abstraction and decomposition where abstraction describes only important part of the software and leave irrelevant things for later stage of development so the requirement of software become simple.
* And decomposition breakdown the software into no of module where each module produces a well define independent task.
* Purpose of Software Engineering
* To manage large Software
* For Greater Scalability
* To manage the cost
* To manage the dynamic nature of the software
* For batter quality management
* What is SDLC? Full Explanation
* SDLC Stands for “Software Development Life Cycle” Model It describes the sequence of phases or Steps to develop any Software
* In simple word “Entire life time of Software From Beginning To ending.”
* It Contain Three Main Stages

1. Conception stage
2. Implementation Stage

Maintenance

* The SDLC Model is classified into three Category based on three Advantages and Dis-advantages.

1. Water Fall (Classical Model)
2. Prototype Model
3. Spiral Model

* **Below is the diagrammatic representation of the SDLC cycle:**

