

Q1 What Is SDLC?

SDLC is an abbreviation of Software Development Life Cycle. SDLC is series of steps that offers a defined model for the development and lifecycle management of an application.

Q 2) Name five Models used in SDLC

- Waterfall model
- Rapid Application Development(RAD) model
- Agile model
- Iterative model
- Spiral model

Q3) Explain Phases of the waterfall model

The five-main phase of waterfall model are:

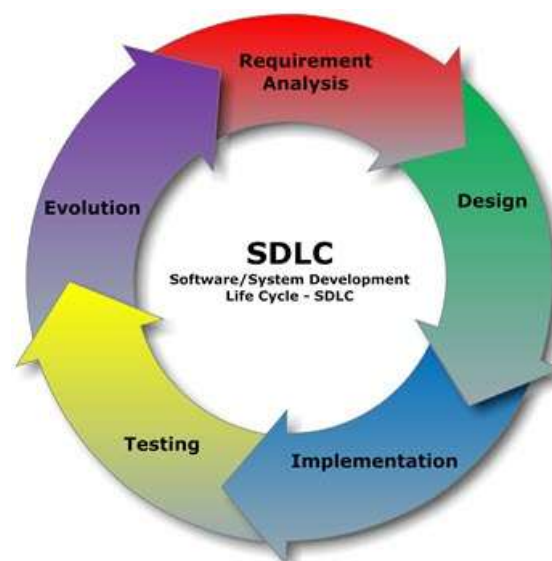
- Requirements gathering
- Design
- Development
- Testing
- Implementation & Maintenance

Q4) States the importance of Design phase?

The requirements is specified in the form of a document. It is then converted into a logical structure which needs to be implemented in a specific programming language. The design phase is also helpful for specifying hardware & system requirements. It also allows defining complete system architecture. The output is designed to document that acts as an input for all the subsequent SDLC phases.

Q5) What are the tasks performed in Coding phase?

In the coding phase, the design document is converted into an executable programming language. The output of the coding stage is the source code which can act as input for testing and maintenance phase.



Q6) What is feasibility study?

Feasibility allows assessing how viable software project development will be for any organization. The software analyst does the complete study to understand the operational, economic, and technical feasibility of any project.

Q7) Give some benefits of using V model?

- Simple and easy to use.
- Each phase has specific
- V model is more successful because of the early development of test plans. This reduces the cost of bug fixes
- Works most effective with small projects where requirements are small