**Assignment 03:**

What is Waterfall Model?

What is agile model?

Advantages and Disadvantages

**1. Waterfall Model**

Sequential and Linear: Development proceeds through a series of phases like Requirements, Design, Implementation, Testing, Deployment, and Maintenance.

Advantages: Simple to understand and manage; phases are well-defined.

Disadvantages: Inflexible to changes; difficult to go back to a previous phase once it's completed.

**2. Agile Model**

Flexible and Iterative: Emphasizes customer collaboration, small incremental releases, and adaptability.

Advantages: Highly adaptable to changing requirements; promotes continuous delivery and customer feedback.

Disadvantages: Requires active user involvement; less predictability in terms of deliverables and timelines.