Software Process and Software Product

Software Process

► A software process is the set of activities and associated outcome that produce a software product.

Software is more than programs. Any program is a subset of software, and it becomes software only if documentation & operating procedures manuals are prepared.

Component of Software Process

- Program

- Documentation

- Operating Procedure

Software Process Model

- Linear Model(Waterfall)
- Incremental and iterative Model(Spiral)
- Agile

Software Product

- **Software Products** are nothing, but software systems delivered to the customer with the documentation that describes how to install and use the system. In certain cases, software products may be part of system products where hardware, as well as software, is delivered to a customer. Software products are produced with the help of the software process. The software process is a way in which we produce software.

- **Types of Software Products**

- Software products fall into two broad categories:

1. **Generic products:** Generic products are stand-alone systems that are developed by a production unit and sold on the open market to any customer who can buy them.

2. **Customized Products:** Customized products are the systems that are commissioned by a particular customer. Some contractor develops the software for that customer.

Characteristic of Software Product

- In-Time
- Withing Budget
- Functionality
- Reliability
- Maintainability/adoptability
- Usabil