* **MODULE:1**
* **OVERVIEW OF IT INDUSTRY**

1. What is Software? What is Software Engineering?

* Answer: Software is a Group of Instruction.

Software Engineering is the Process to Solve the Real World Problem by Design Developing Testing and Maintenance the Software

Application.

2. Explain Types of Software?

* Answer: Application Software

Example: Excel, Word, PowerPoint

System Software

Example: Android , iOS

Driver Software

Example: Audio Driver , Video Driver

Middleware Software

Example: Microsoft

Programming Software

Example: VSCODE , DEVC++

3. What is SDLC? explain each phase of SDLC?

* Answer: SDLC is Software development life cycle.

SDLC is correct way to produce the good quality of Software. Software Development Life Cycle is work on step by step phases.

There are Six Phases In Software Development Life Cycle .

1.PLANNING

2.ANALYSIS

3.DESIGN

4.IMPLEMENTATION

5.TESTING

6.MAINTENANCE

4. What is DFD? Create a DFD Diagram on Flipkart.

* Answer: Dataflow diagram Show the flow of data in Graphical Form to Properly understand by any person.

There are Three Types of Dataflow Diagram Levels.

0 Level Dataflow Diagram

1 Level Dataflow Diagram

2 Level Dataflow Diagram

5. What is Flow chart? Create a Flow chart to make Addition of two Numbers.

* Answer: A Flowchart is Represent Through Diagram . Flowchart are Widely used in Many field to Improve Document ETC.

Flowchart Represent the Algorithm a Step by Step to Solving a Task.

There are Different Types of Boxes are Used to Make a Flowchart Diagram.

6. what is use case diagram? Create a use case on bill payment on paytm.

* Answer: use case diagram is a graphical form.
* use case diagram is show which control user can access.