

# Module = 1

01- What is software ? what is software engineering?

*Ans- The software is a collection of computer programs in this there are also much data procedures*

*.The software engineering in that process of desing developing testing and and maintain software application*

*Software engineering is the branch of computer science that within a set of methods and best practies and principles of it*

*In the software engineering there is two types is a collection of all codes and documents*

02- Explain the types of software

*Ans-The many type of software is there is computer application software sytem software amd programing software data base software enterprisce software graphics software in this garaphics software there two types CAM-computer acid manufactuting CAD-computer aided desinigning and some are online software like chrome firefore opera and safari of that all connect into the internet from the local machine*

03- What is SDLC? Explain each plase of SDLC?

*Ans -The full form of SDLC is software development life cycle it is a computer project management model that outlines the steps for creating software on a system from its initial idea to final deployment and maintenance .*

*The SDLC is 7 basic stages of planning requirements design and prototype software development testing deployment and maintenance of it and these seven stages that software will go through*

*04- What is DFD? Create a DFD diagram on Flipkart ?*

*Ans- The DFD full form is data flow and it is being used frequently in software design DFD shows output from processes and where that data will be stored and in this there are three levels of DFD in the Flipkart in level 0 is there*

*Customer ----- Admin ----- Payment Gateway -----  
Delivery service*

*And for flipkart data – store data -----product database  
----- order database -----payment database ----- stores  
information of it this is all about DFD and flipkart*

*05- What is Flow chart? Create a flowchart to make addition of two numbers*

*Ans the flow chart is that helps to code that which step after this and there are some symbols of it*

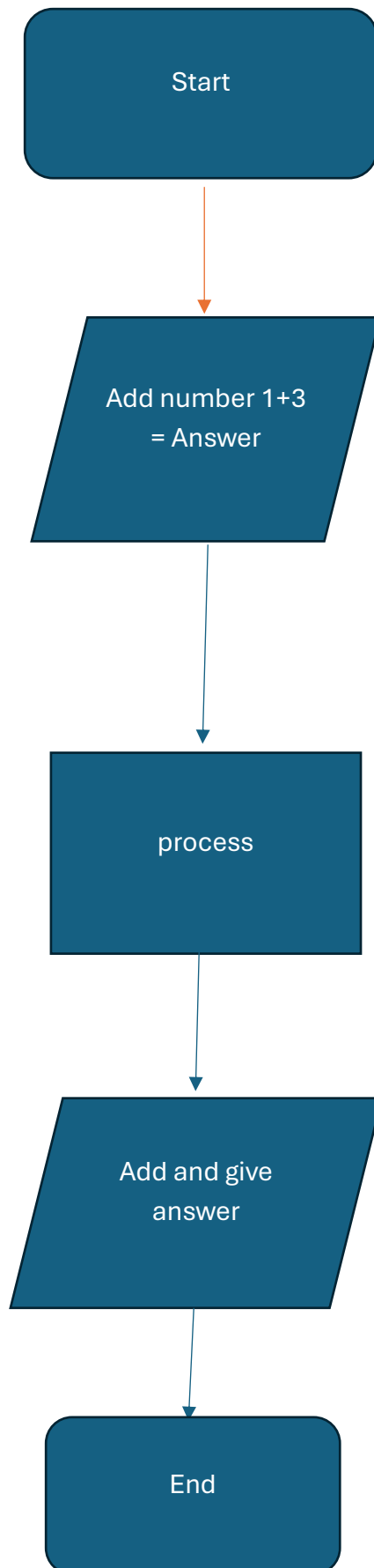
*. round rectangle is for start and end*

*Parallelogram is used to write any statement[input/ output]*

*Rectangle is used for process*

*Diamond is used for decision*

*Arrows Show the direction of the flow from one step to another.*



06- What is Use case Diagram? Create a use-case on bill payment on paytm

Ans A use of diagram is a type of behavioral diagram in the unified modeling language that visually represents the interaction between user and actors and the system to achieve a particular goal. In this, there are four types: Actors, use case, system boundary, Relationship.

Actors - the system typically roles or other system

Use case- this is a specific performs to interaction with actors

System boundary in this all the thing is there in box is part of the system

Relationship – link between actors and use cases of it

The use of bill case of paytm

In bill there is three types of in actors, use cases, relationship

Actors- user -----paytm system -----bill service provider---end

Use case- Login--- select bill payment option -----enter bill details ----- verify bill details -----make payment -----receive payment confirmation ---- notify bill service provider ---end

Relationship – user ---- paytm system -----bill service provider ----end

*End*

