

Q-1 what is software? what is software engineering

Ans: A set of Program is called a software.

Software engineering:- Software engineering approach to software development. to design development maintain test and evaluate computer software.

Q-2 explain types of software.

Ans: there are 2 parts:

1 system software:- windows as O.S in PC and android is O.S in mobile.

2 application software - Gr Pay, amazon, instagram, Paytm, snapchat, etc...

Q-3 what is SDLC? explain each phase of SDLC

Ans SDLC is software development life cycle.

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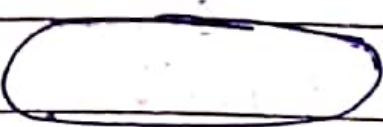
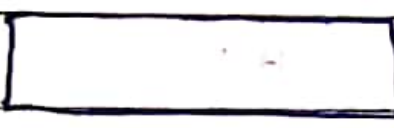
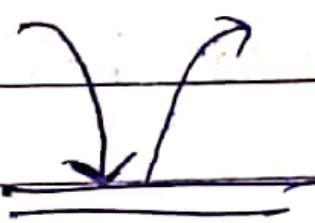
- ① requirement
- ② analysis
- ③ designing
- ④ development
- ⑤ testing
- ⑥ deployment.
- ⑦ maintenance.

Q-4 what is DFD? Create a DFD diagram on flipchart.

Ans A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system.

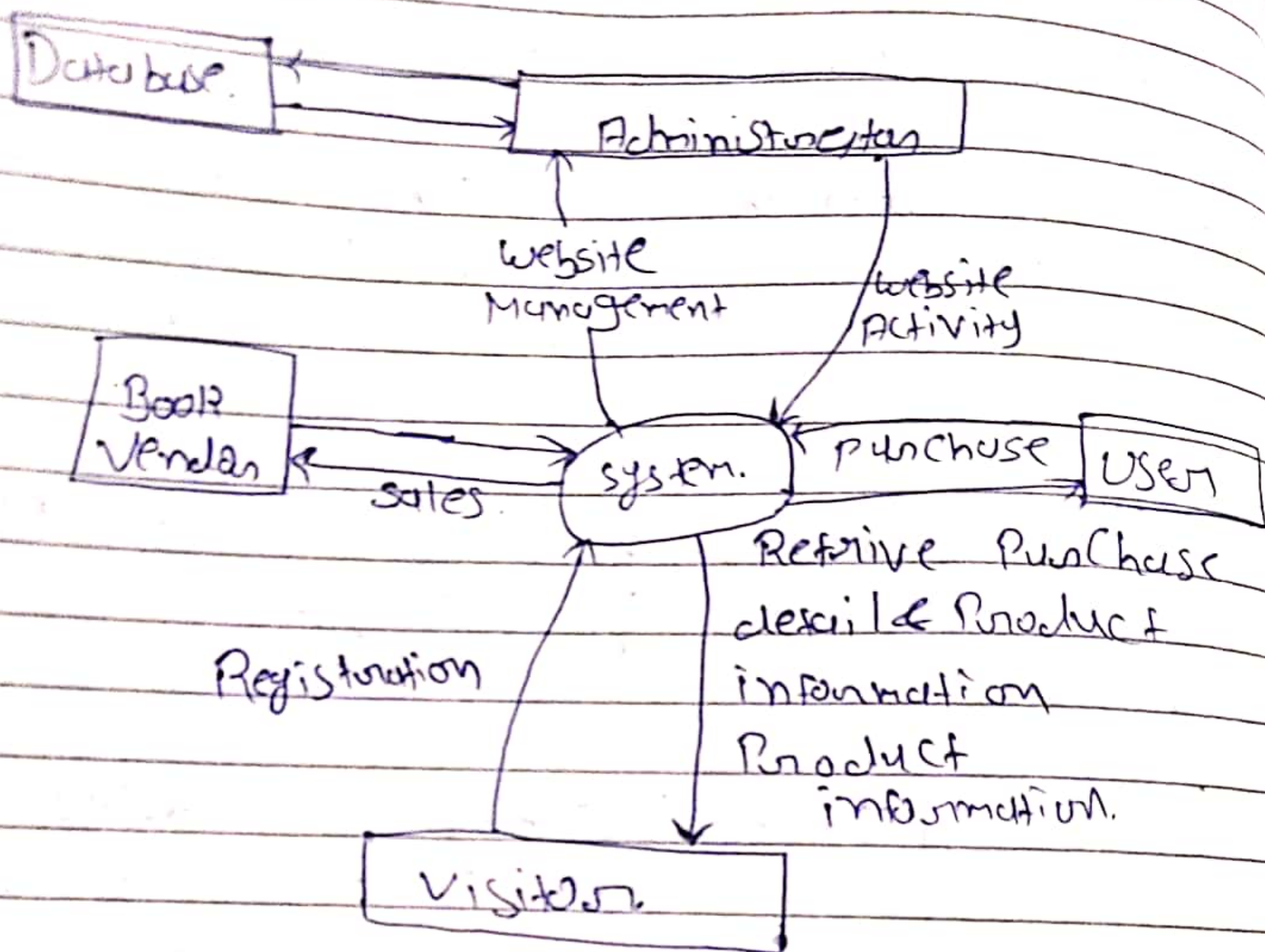
→ a data flow diagram is a graphical view of how data is processed in a system in terms of input and output. the data flow diagram (DFD) contains some symbol for drawing the data flow diagram.

★ Data Flow diagram symbol.

Symbol	Name	Description
	Data flow	Data flow are pipelines through the packets of information flow.
	Process	A Process or task performed by the system
	Source or Sink (Entity)	Entity and object of the system A source or destination data system
	Data store	A place where data to be stored

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★ diagram of DFD on flipkart.



Q5 what is flowchart? Create a flowchart to make addition of two numbers.

Ans:- A graphical representation of a computer program in relation to its sequence of function (as distinct from the data it process).

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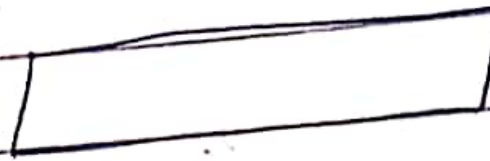
* start, stop

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* input and output

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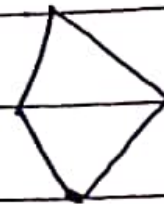
* Process

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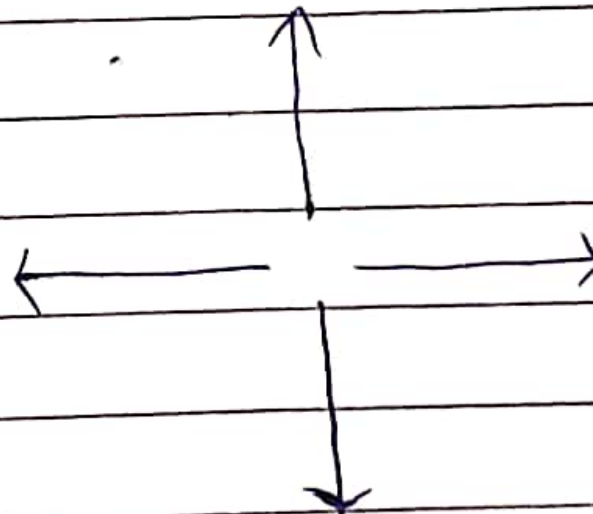


* decision

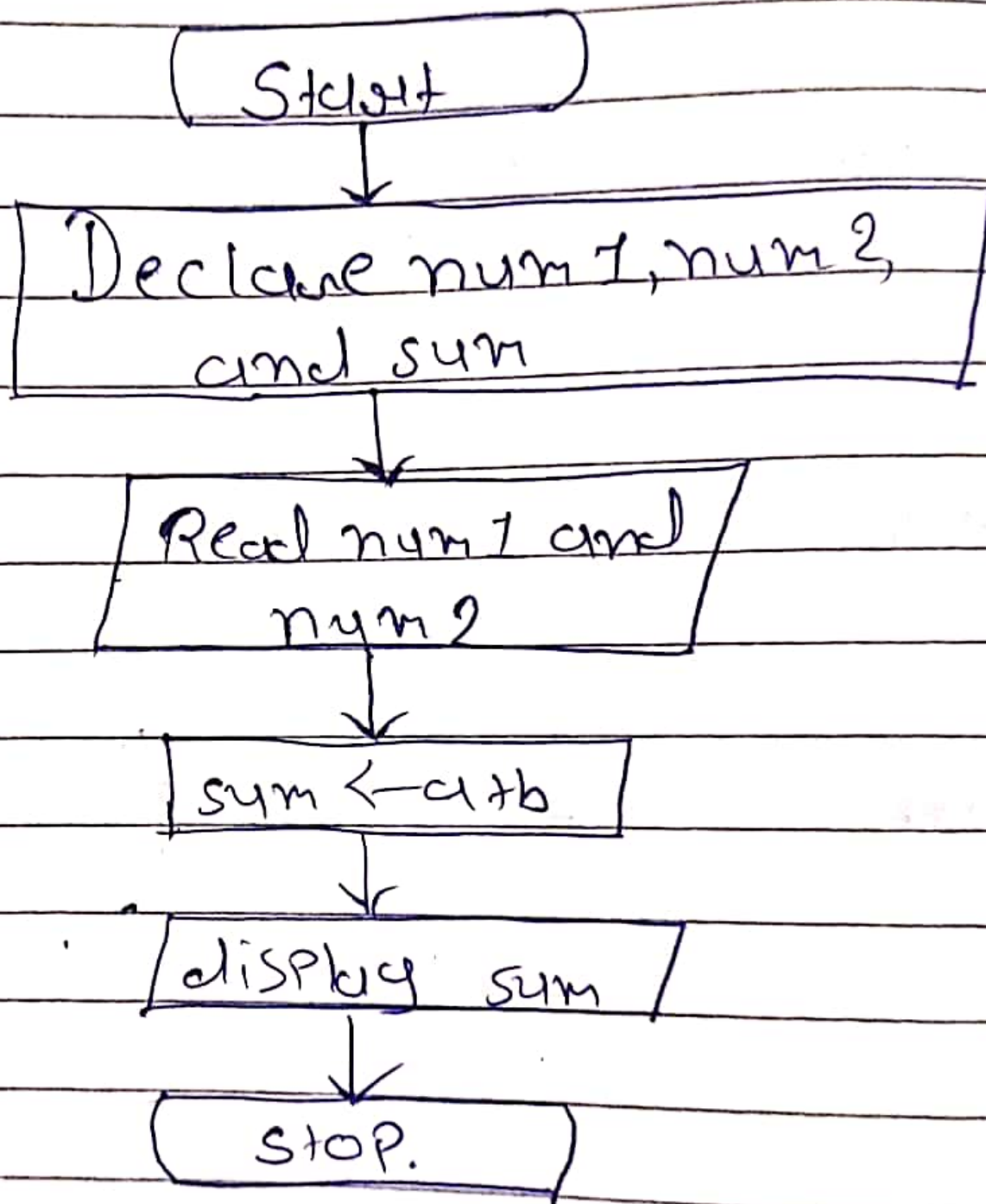
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* Flow directions



* make addition of two numbers.



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

Ans.

