What is UML ?

- Unified Modelling Language.
- UML used for visualizing, specifying, constructing,documenting of artifact of a software system.
- It is also used for modelling non software system.
- It write systems blueprint.
- It is standard for building object oriented and component based systems.
- It describe only design or structure of a system.

History of UML?

- Developed by OMG (Object management group) a non profit organization in 1997.

What is the need of UML ?
To create the following diagram:

Structure Modelling Diagram:

- Class diagram
- Object diagram
- Component diagram
- Package diagram
- Composite structure
- Deployment diagram

Behavioral Modelling Diagram:

- Use case diagram
- Activity diagram
- State Machine diagram
- Communication diagram
- Sequence diagram
- Timing diagram
- Interaction overview diagram