Serialization

[Vipin Dubey]
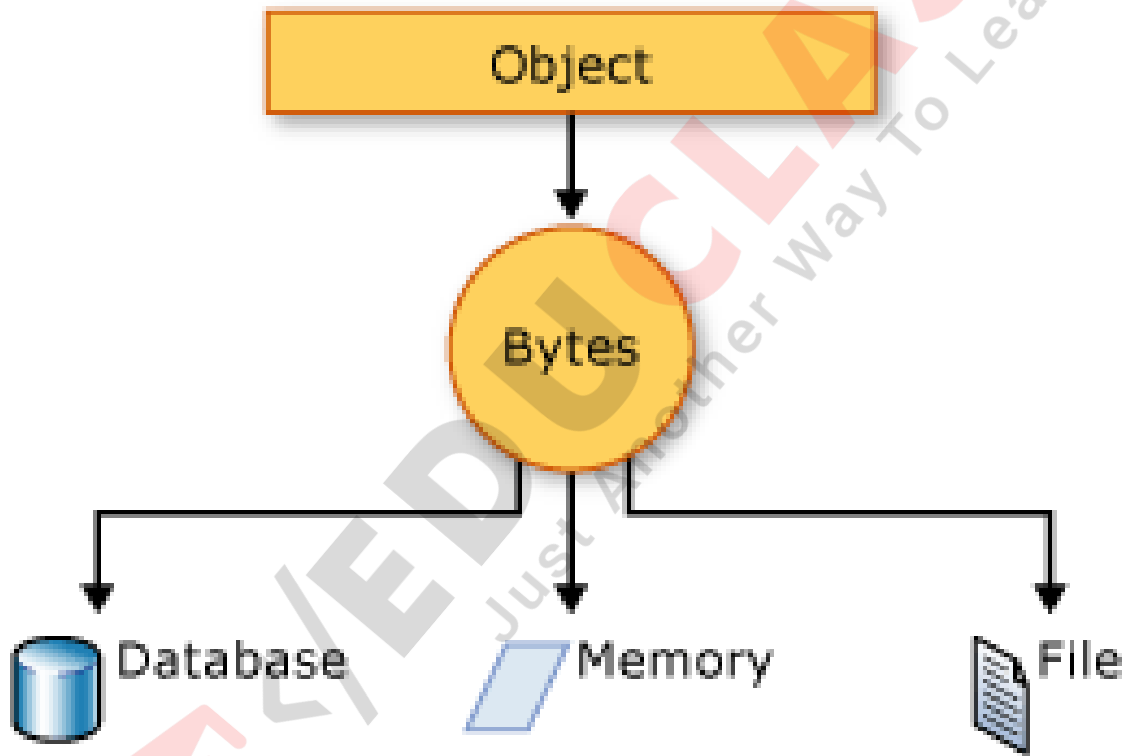
What is Serialization?

- Serialization is the process of converting an object into a stream of bytes in order to store the object or transmit it to memory, a database, or a file

- Its main purpose is to save the state of an object in order to be able to recreate it when needed

- The reverse process is called Deserialization

Serialization

- Through serialization, a developer can perform actions like
  - sending the object to a remote application
  - passing an object from one domain to another
  - passing an object through a firewall as an XML string
  - maintaining security or user-specific information across applications.

[Vipin Dubey]

Serialization

- Types of Serialization
  - Binary Serialization :
    - It uses binary encoding
    - Enhanced performance
  - XML Serialization :
    - More readable code
    - Flexibility of object sharing