**4.21) What are oops concepts? Is multiple inheritance supported in java**

-> Object-Oriented Programming System (OOPs) is a programming concept that works on the principles of abstraction,encapsulation, inheritance, and polymorphism.

**1. Encapsulation:-**

-> It is the process of binding data and code together as a single unit and keeping them safe from outside interference.

**2. Inheritance:-**

-> It is the process by which one class can inherit properties and methods from another class.

**3. Polymorphism:-**

-> It is the ability of an object to take different forms and perform different functions based on its context.

**4. Abstraction:-**

-> It is the process of hiding unnecessary details from the user and presenting only the necessary ones.

-> It's allows users to create objects they want and create methods to handle those objects.

-> Java doesn’t support Multiple Inheritance.