Course Contents

1. Core Java
2. JDBC
3. Hibernate
4. Spring Core
5. Spring MVC
6. Spring REST
7. Spring Boot
8. Spring Data JPA
9. Spring Microservices

Softwares:

1. JDK 1.8
2. Eclipse IDE for Enterprise Developers
3. Database - Derby/MySQL

Java:

Java is platform independent and Object-Oriented programming language.

Platform Independent:

You can run java program on multiple platforms without altering (without recompiling).

Object Oriented Program:

Object oriented program allows you to create real world entities in the applications and make an object communicate with another object to complete any task.

Ex: In banking applications you can have objects like Customer, Employee, Account, Loan and etc.

Object will have 2 things

1. Properties: What object has like name, dob, phone, …
2. Behaviours: What object does like debit(), withdraw(), getInformations(),…

2 Building blocks of any object-oriented language are:

1. Class: It is a blue print/template for an object
2. Object: It is an instance of a class