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2. JDBC
3. Hibernate
4. Spring Core
5. Spring MVC
6. Spring REST
7. Spring Boot
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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

HelloApp.java

**package** com.org;

**public** **class** HelloApp {

**public** **static** **void** main(String[] args) {

System.***out***.println("Welcome to eclipse");

**int** x = 10;

System.***out***.println("x = "+x); System.***out***.println("x = "+x);

}

}