

Backend technology -> Java and connecting database using JDBC.

## Java

### Core Java

J2SE	J2EE	J2ME
JavaSE	JavaEE	JavaME
JSE	JEE	JME
Java Standard Edition	Java Enterprise Edition	Java Micro Edition
Desktop application	Servlet and JSP : web application	
Console base application	We will teach how to create	
Basic Java Programming	Rest API	
OOPs Concept	those rest api we will	
Object,	call in angular	
Class,	maven build tools	
Exception handling		
Collection Framework with Data structure		
JDBC topic to connect MySQL		
Java8(Lambda Expression and Stream API)		
and 11 and 15		
Regex		
Java 22		

## Intro to Mongo DB

## No SQL Database

Using Java we can connect to database using

1. JDBC
2. ORM -> Hibernate and JPA.
3. Using Core Java, Servlet /JSP we can use JDBC or Hibernate or JPA.
4. Spring Framework we can use JDBC or Hibernate or JPA.
5. In Spring boot JDBC or JPA or Spring Data.

Phase 3 or Course 3

## Spring framework and Spring boot

Junit 5 testing tool

## Course 4 : Testing and deployment

Testing

TestNG, Selenium,

Docker, CI and CD using Jenkin, Overview of AWS

In AWS we will teach you how to deploy application in EC2 instance using Docker with CI and CD tool ie Jenkin

Frontend -> angular

Backend -> spring boot

Database -> MySQL