**JAVA + SPRING BOOT INTERNSHIP SYLLABUS: (ONE MONTH)**

**Week 1:**

1. Introduction to java
2. JDK Installation
3. First program in java
4. Variables and Datatypes
5. Operators
6. Conditional statements
7. Looping statements
8. Methods

**Week 2:**

1. Strings
2. Arrays
3. Constructor
4. Introduction to OOPS
5. Encapsulation
6. Inheritance
7. Polymorphism
8. Abstraction

**Week 3:**

1. Exception Handling
2. Database - MySQL
3. JDBC connectivity
4. Introduction to Spring
5. Spring Basics
6. Introduction to Spring Boot Framework
7. Spring Boot Project Structure

**Week 4:**

1. Creating REST API’s using Spring Boot
2. REST API’s – GET, POST, PUT, DELETE
3. Testing APIs using Postman
4. Introduction to Spring Data JPA
5. Connecting Database with Spring Boot Data JPA
6. Connecting Frontend with Spring Boot
7. Mini Spring Boot Project