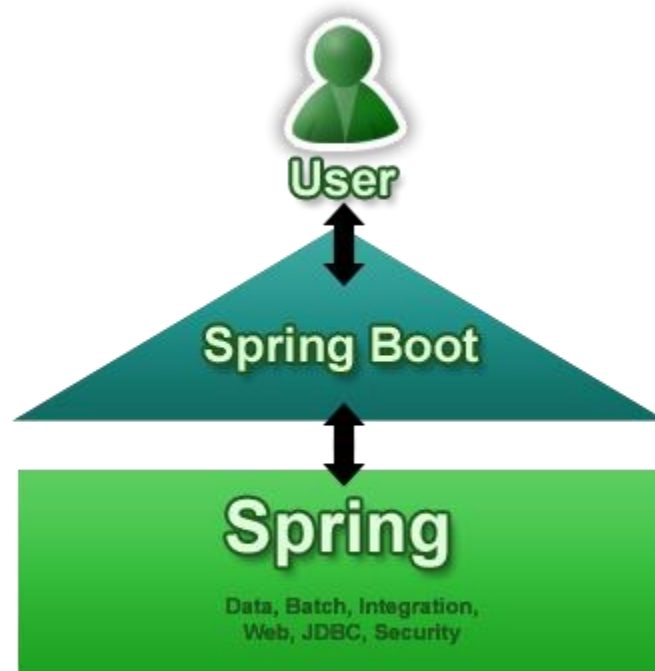


SPRING BOOT ASSIGNMENT - 1

1. What is Spring Boot? Why should you use it?

Ans- Spring Boot is an open source Java-based framework used to create a micro Service. It is developed by Pivotal Team. The main goal of the Spring Boot framework is to reduce overall development time and increase efficiency by having a default setup for unit and integration tests. Some advantages of Spring Boot are as follow:

- Dependency Management
- Auto-configuration
- Runnable jars



(Fig: 1.1 Spring Boot)

2. What is the difference between @SpringBootApplication and @EnableAutoConfiguration annotation?

Ans- @EnableAutoConfiguration:- It enables automatic configuration features of the Spring Boot application, which automatically configures things if certain classes are present in classpath

@SpringBootApplication:- It does three things

- It allows you to run the Main class as a JAR with an embedded container.
- It enables Java configuration
- It also enables Component Scanning.

SPRING BOOT ASSIGNMENT - 1

3. What is Spring Initializer? why should you use it?

Ans- Spring Initializer is one of the ways to generate spring application. The main reasons for using Spring Initializer are:

- We can quickly setup and run standalone, web applications and micro services at very less time.
- We can just assemble the jar artifact which comes with an embedded Tomcat, Jetty.

4. What is Spring Boot CLI? What are its benefits?

Ans- Spring Boot CLI is a **command line** tool which is used to quickly build spring applications.

Advantages:

- Run Groovy scripts
- bootstrap a new project or write your own command for it

5. Can you change the port of Embedded Tomcat server in Spring boot? If Yes, How?

Ans- YES, by specifying the server.port property in the resource file.

Ex- server.port = 5050