

# Spring Boot 4 Demo

7/12/2025

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## Introduction to Spring Boot 4

Spring Boot 4 is a framework that simplifies the development of Java applications. It allows developers to create stand-alone, production-grade applications easily with minimal configuration. This section introduces the core concepts and benefits of using Spring Boot 4.

## Setting Up the Development Environment

To get started with Spring Boot 4, you need to set up your development environment. This includes installing Java Development Kit (JDK), an Integrated Development Environment (IDE) like IntelliJ IDEA or Eclipse, and Maven for dependency management.

## Creating a Simple Spring Boot Application

In this section, we will create a simple Spring Boot application from scratch. We will use Maven to manage dependencies and Spring Boot Starter to bootstrap the application.

## Running the Application

Once the application is built, we can run it using the built-in server provided by Spring Boot. This section explains how to execute the application and access it through a web browser.

## Conclusion

Spring Boot 4 makes it easier for developers to build applications with minimal configuration and high productivity. This demo illustrated the basic steps involved in creating a Spring Boot application.

## Code Examples

### DemoApplication.java

```
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class DemoApplication {
    public static void main(String[] args) {
        SpringApplication.run(DemoApplication.class, args);
    }
}
```

Main class to run the Spring Boot application.