

Exercise 9: Creating a Spring Boot Application
Objective: Create a basic Spring Boot application.

Solution:

Use Spring Initializr (<https://start.spring.io/>) or create manually:

pom.xml:

```
xml
<parent>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-parent</artifactId>
  <version>2.7.0</version>
</parent>

<dependencies>
  <dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-web</artifactId>
  </dependency>
</dependencies>
```

Main application class:

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

Sample controller:

```
java
@RestController
public class HelloController {
    @GetMapping("/hello")
    public String hello() {
        return "Hello Spring Boot!";
    }
}
```

Run the application:

```
bash
mvn spring-boot:run
```