

**PHASE 5**  
**PRACTICE PROJECT 3**  
**DEPLOY APPLICATION ON CLOUD**

**SOURCE CODE:**

**MainController.java:**

```
package com.example.demo;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;
@RestController
public class MainController {
    @GetMapping("/")
    public String hello() {
        return "Hello! This is the Amazon AWS EC2 App...";
    }
}
```

**AmazonEC2AppApplication.java:**

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.annotation.ComponentScan;

@SpringBootApplication
@ComponentScan("com.example.demo")
public class AmazonEc2AppApplication {

    public static void main(String[] args) {
        SpringApplication.run(AmazonEc2AppApplication.class, args);
    }

}
```

**Pom.xml:**

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <parent>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-parent</artifactId>
        <version>2.7.4</version>
        <relativePath/> <!-- lookup parent from repository -->
    </parent>
```

```
<groupId>com.simplilearn.demo</groupId>
<artifactId>AmazonEC2App</artifactId>
<version>0.0.1-SNAPSHOT</version>
<name>AmazonEC2App</name>
<description>Demo project for Spring Boot</description>
<properties>
    <java.version>11</java.version>
</properties>
<dependencies>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>

    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-test</artifactId>
        <scope>test</scope>
    </dependency>
</dependencies>

<build>
    <plugins>
        <plugin>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-maven-plugin</artifactId>
        </plugin>
    </plugins>
</build>

</project>
```