

## Phase - 5 Practice Project

### 3. Deploy Application on Cloud.

- **Code**

✓ 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>3.1.2</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.example</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>
```

✓ AmazonEc2AppApplication.java

```
package com.example;
```

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

@SpringBootApplication
@ComponentScan("com.example")

public class AmazonEc2AppApplication {

    public static void main(String[] args) {

        SpringApplication.run(AmazonEc2AppApplication.class, args);

    }

}
```

✓ MainController.java

```
package com.example;

import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController

public class MainController {

    @GetMapping("/")

    public String hello() {

        return "Hello World, This is an Amazon AWS EC2 App..! Deployed
in AWS Cloud.";

    }

}
```