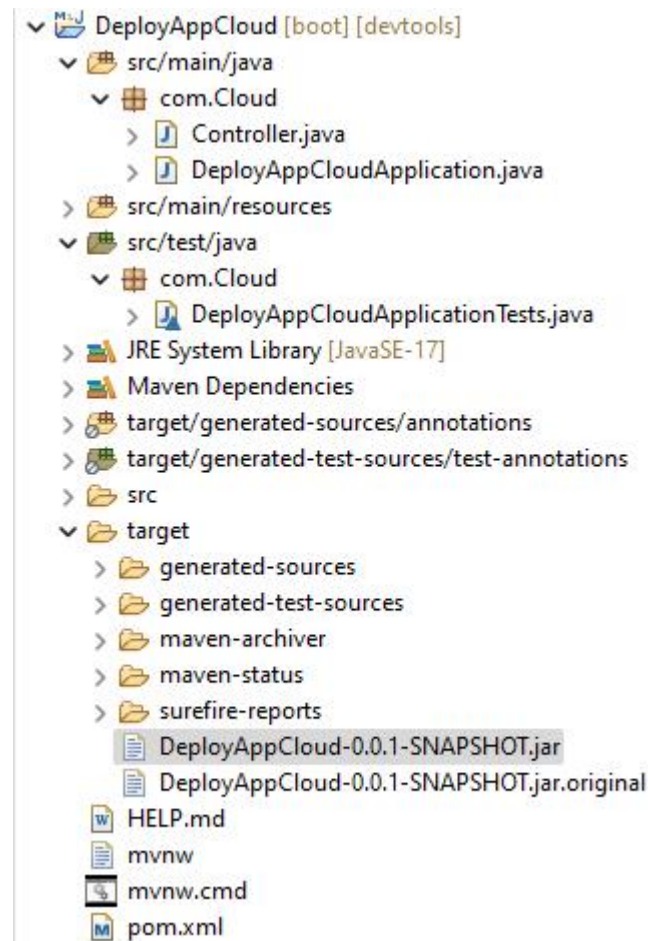# Phase_5 : Practice Project_3

Deploy Application on Cloud

Source Code -

1. pom.xml :

```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>
```

```xml
		<version>3.1.2</version>
		<relativePath/> <!-- lookup parent from repository -->
	</parent>
	<groupId>com.example</groupId>
	<artifactId>DeployAppCloud</artifactId>
	<version>0.0.1-SNAPSHOT</version>
	<name>DeployAppCloud</name>
	<description>Demo project for Spring Boot</description>
	<properties>
		<java.version>17</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-devtools</artifactId>
			<scope>runtime</scope>
			<optional>true</optional>
		</dependency>
		<dependency>
			<groupId>org.springframework.boot</groupId>
			<artifactId>spring-boot-starter</artifactId>
		</dependency>
		<dependency>
			<groupId>org.springframework.boot</groupId>
```

```xml
<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>
```

2. Controller.java :

```java
package com.Cloud;

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

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

@RestController

public class Controller {

@GetMapping("/")

public String hello() {

return "Welcome to amazon ec2 online app. "+"Now deploy Springboot to AWS";

}

}
```

3. DeployAppCloudApplication.java :

```java
package com.Cloud;

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

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

import org.springframework.context.annotation.ComponentScan;

@SpringBootApplication

@ComponentScan("com.Cloud")

public class DeployAppCloudApplication {

public static void main(String[] args) {

SpringApplication.run(DeployAppCloudApplication.class, args);

}

}
```

4. DeployAppCloudApplicationTests.java :

```java
package com.Cloud;

import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class DeployAppCloudApplicationTests {

@Test

void contextLoads() {

}

}
```

GitHub Link :

https://github.com/GarimellaSupraja/JAVA-FSD.git