

PHASE 5

Deploy Application on the cloud

ALGORITHM:

Step 1: Create a Spring Starter Project and add spring web in it.

Step 2: Create a Controller Class.

Step 3: Give component scan in application.java

Step 4: Run it in

```
Maven clean
Maven build
Maven install
```

Step 5: Refresh the project and now in target folder jar file will be created.

Step 6: Create one instance in AWS EC2. Choose Ubuntu Server 22.04 LTS (HVM). Add port number 8080 with Custom as MyIp.

Step 7: Download the .pem file and copy and paste to the desired root directory.

Step 8: Connect to the Moba x-term

Step 9: Install JAVA-11 on Amazon EC2 Instance. Perform the following commands.

```
sudo apt update
sudo apt install default-jre
```

Step 10: Install maven

```
sudo apt update
sudo apt-get install maven
```

Step 11: Drag and copy the jar file to the Moba x-term

Step 12: Run the application.

```
java -jar APP_NAME-0.0.1-SNAPSHOT.jar
```

EG: java -jar AmazonEC2App-0.0.1-SNAPSHOT.jar

Step 13: Once tomcat get started copy your PublicIpAddress:8080 in browser and output will be shown.