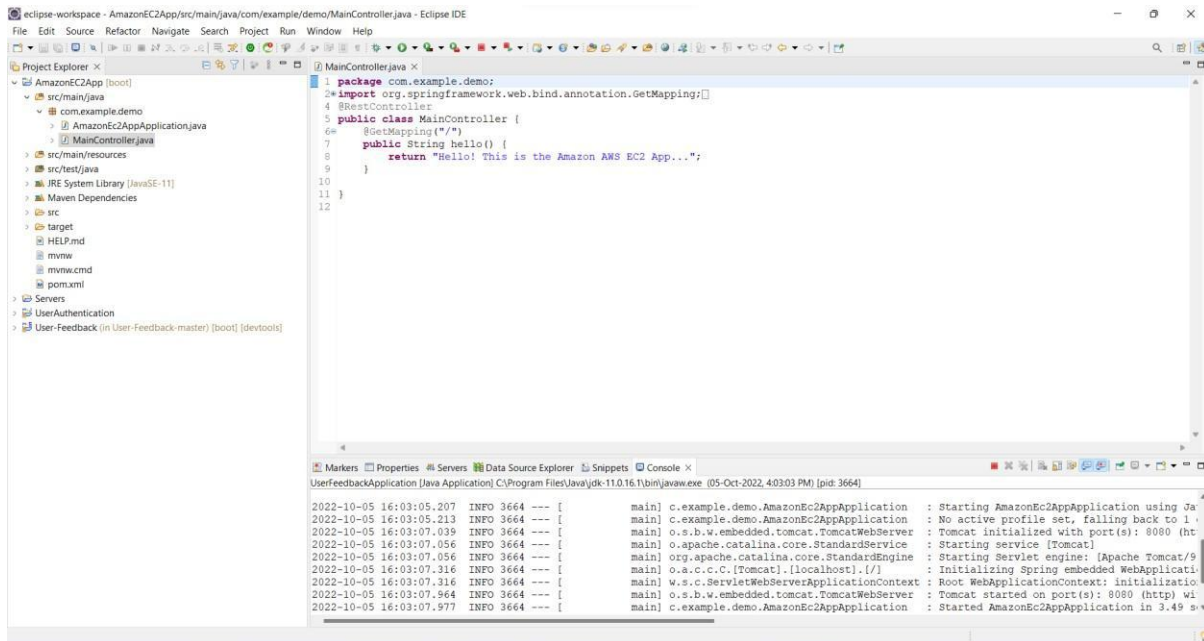


PHASE 5

PRACTICE PROJECT 3 DEPLOY APPLICATION ON CLOUD

OUTPUT:

SPRINGBOOT APPLICATION:

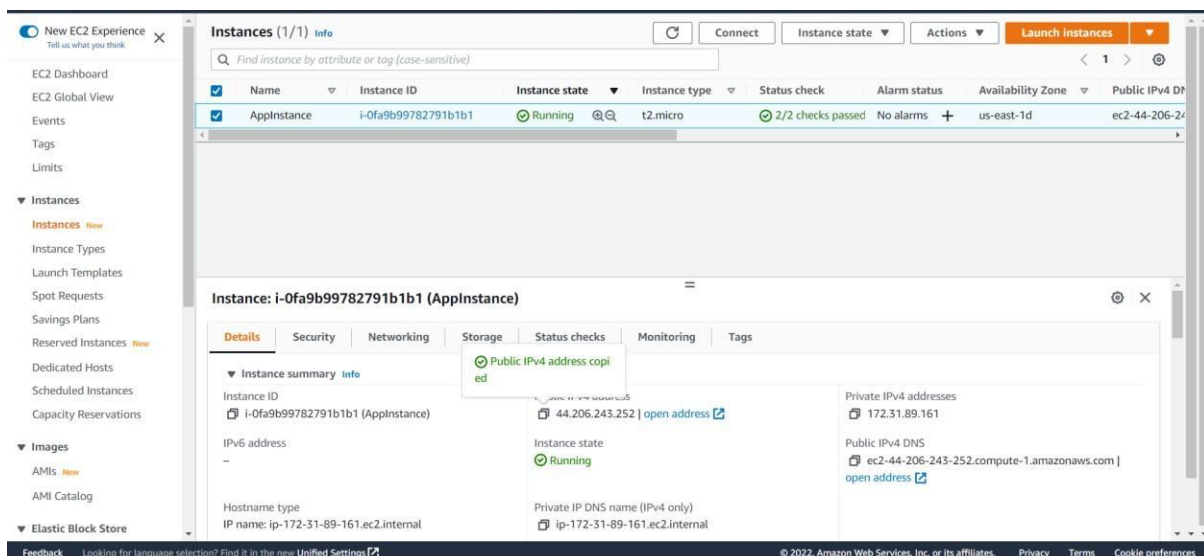


The screenshot shows the Eclipse IDE with a project named 'AmazonEC2App'. The 'MainController.java' file is open, showing a simple REST controller. The console output shows the application starting successfully on port 8080.

```
1 package com.example.demo;
2 import org.springframework.web.bind.annotation.GetMapping;
3 import org.springframework.web.bind.annotation.RestController;
4 @RestController
5 public class MainController {
6     @GetMapping("/")
7     public String hello() {
8         return "Hello! This is the Amazon AWS EC2 App...";
9     }
10 }
11
12
```

```
2022-10-05 16:03:05.207 INFO 3664 --- [main] c.example.demo.AmazonEc2AppApplication : Starting AmazonEc2AppApplication using Ja
2022-10-05 16:03:05.213 INFO 3664 --- [main] c.example.demo.AmazonEc2AppApplication : No active profile set, falling back to l
2022-10-05 16:03:07.039 INFO 3664 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (ht
2022-10-05 16:03:07.056 INFO 3664 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-10-05 16:03:07.056 INFO 3664 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9
2022-10-05 16:03:07.316 INFO 3664 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicati
2022-10-05 16:03:07.316 INFO 3664 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initializatio
2022-10-05 16:03:07.964 INFO 3664 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) wi
2022-10-05 16:03:07.977 INFO 3664 --- [main] c.example.demo.AmazonEc2AppApplication : Started AmazonEc2AppApplication in 3.49 s
```

CREATING INSTANCE :



```
ubuntu@ip-172-31-89-161:~$
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
/home/ubuntu/
Name
zsh
cache
AmazonEC2App-0.0.1-SNAPSHOT.jar
xauthority
sudo_aki_admin_successful
profile
sshrc
bash_logout
bash_history

Setting up maven (3.6.3-5) ...
update-alternatives: using /usr/share/maven/bin/mvn to provide /usr/bin/mvn (mvn) in auto mode
Scanning processes ...
Scanning linux images ...

Running kernel seems to be up-to-date.

No services need to be restarted.

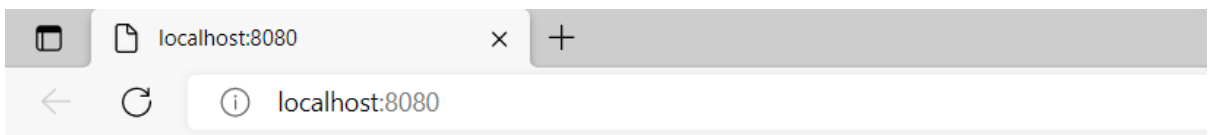
No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-89-161:~$ java -jar AmazonEC2App-0.0.1-SNAPSHOT.jar

:: Spring Boot :: (v2.7.4)

2022-10-05 11:17:59.665 INFO 4670 --- [main] c.example.demo.AmazonEC2AppApplication : Starting AmazonEC2AppApplication v0.0.1-SNAPSHOT using Java 11.0.16 on ip-172-31-89-161 with PID 4670 (/home/ubuntu/AmazonEC2App-0.0.1-SNAPSHOT.jar started by ubuntu in /home/ubuntu)
2022-10-05 11:17:59.677 INFO 4670 --- [main] c.example.demo.AmazonEC2AppApplication : No active profile set, falling back to 1 default profile: "default"
2022-10-05 11:17:53.134 INFO 4670 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2022-10-05 11:17:53.164 INFO 4670 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-10-05 11:17:53.165 INFO 4670 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-10-05 11:17:53.454 INFO 4670 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-10-05 11:17:53.456 INFO 4670 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2644 ms
2022-10-05 11:17:54.838 INFO 4670 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path '/'
2022-10-05 11:17:54.864 INFO 4670 --- [main] c.example.demo.AmazonEC2AppApplication : Started AmazonEC2AppApplication in 5.4 seconds (JVM running for 6.451s)
2022-10-05 11:23:54.872 INFO 4670 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2022-10-05 11:23:54.873 INFO 4670 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2022-10-05 11:23:54.874 INFO 4670 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```



Hello! This is the Amazon AWS EC2 App...

DEPLOYING SPRINGBOOT APPLICATION IN CLOUD:

