

LAB ASSIGNMENTS 2

```
Last login: Mon Feb 24 10:03:27 2025 from 106.51.71.16
ubuntu@ip-172-31-9-161:~$ whoami
ubuntu
ubuntu@ip-172-31-9-161:~$ sudo su
root@ip-172-31-9-161:/home/ubuntu# ls
p1
root@ip-172-31-9-161:/home/ubuntu# mkdir asgn2
root@ip-172-31-9-161:/home/ubuntu# ls
asgn2  p1
root@ip-172-31-9-161:/home/ubuntu# cd asgn2
root@ip-172-31-9-161:/home/ubuntu/asgn2# git clone https://github.com/ashritbharadwaj/kbr_lab_java_core.git
Cloning into 'kbr_lab_java_core'...
remote: Enumerating objects: 1481, done.
remote: Counting objects: 100% (1481/1481), done.
remote: Compressing objects: 100% (940/940), done.
remote: Total 1481 (delta 416), reused 1305 (delta 240), pack-reused 0 (from 0)
Receiving objects: 100% (1481/1481), 1.82 MiB | 13.28 MiB/s, done.
Resolving deltas: 100% (416/416), done.
root@ip-172-31-9-161:/home/ubuntu/asgn2#
```

```
root@ip-172-31-9-161:/home/ubuntu/asgn2# mvn -version
Apache Maven 3.8.7
Maven home: /usr/share/maven
Java version: 21.0.6, vendor: Ubuntu, runtime: /usr/lib/jvm/java-21-openjdk-amd64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.8.0-1021-aws", arch: "amd64", family: "unix"
root@ip-172-31-9-161:/home/ubuntu/asgn2# java -v
Unrecognized option: -v
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
root@ip-172-31-9-161:/home/ubuntu/asgn2# java --version
openjdk 21.0.6 2025-01-21
OpenJDK Runtime Environment (build 21.0.6+7-Ubuntu-124.04.1)
OpenJDK 64-Bit Server VM (build 21.0.6+7-Ubuntu-124.04.1, mixed mode, sharing)
root@ip-172-31-9-161:/home/ubuntu/asgn2# ls
kbr_lab_java_core
root@ip-172-31-9-161:/home/ubuntu/asgn2#
Network error: Software caused connection abort
```

```
root@ip-172-31-9-161:/home/ubuntu/asgn2/bookapp/target# java -jar bookapp.jar
```

```

:: Spring Boot ::                (v3.3.8)

```

```
2025-02-25T09:13:43.144Z INFO 5282 --- [bookapp] [main] com.bookapp.BookappApplication : Starting BookappApplication v0.0.1-SNAPSHOT using Java 21.0.6 with PID 5282 (/home/ubuntu/asgn2/bookapp/target/bookapp.jar started by root in /home/ubuntu/asgn2/bookapp/target)
2025-02-25T09:13:43.152Z INFO 5282 --- [bookapp] [main] com.bookapp.BookappApplication : No active profile set, falling back to 1 default profile: "default"
2025-02-25T09:13:45.996Z INFO 5282 --- [bookapp] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-02-25T09:13:46.019Z INFO 5282 --- [bookapp] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-02-25T09:13:46.020Z INFO 5282 --- [bookapp] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.34]
2025-02-25T09:13:46.288Z INFO 5282 --- [bookapp] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-02-25T09:13:46.289Z INFO 5282 --- [bookapp] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 3026 ms
2025-02-25T09:13:47.962Z INFO 5282 --- [bookapp] [main] o.s.b.a.e.web.EndpointLinksResolver : Exposing 14 endpoints beneath base path '/actuator'
2025-02-25T09:13:48.111Z INFO 5282 --- [bookapp] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-02-25T09:13:48.141Z INFO 5282 --- [bookapp] [main] com.bookapp.BookappApplication : Started BookappApplication in 6.13 seconds (process running for 7.308)
```

Instances (1/1) [Info](#)

Last updated less than a minute ago

Connect

Instance state ▼

Actions ▼

Launch instances ▼

All states ▼

< 1 >

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	LinuxCommands	i-01ebdfd885fb92245	Running	t2.micro	2/2 checks passed	View alarms +

i-01ebdfd885fb92245 (LinuxCommands)

▼ Instance summary [Info](#)

Instance ID

i-01ebdfd885fb92245

IPv6 address

—

Public IPv4 address

3.109.211.166 | [open address](#)

Instance state

Running

Private IPv4 addresses

172.31.9.161

Public IPv4 DNS

ec2-3-109-211-166.ap-south-1.compute.amazonaws.com

← ↻ ⚠ Not secure | 3.109.211.166:8080/books ...

hello bookapp v4: LOCAL