

## Lab2

```
sudo apt-get update -y
```

```
sudo apt-get upgrade -y
```

```
apt install openjdk-21-jdk openjdk-21-jre -y
```

```
apt-get install maven -y
```

```
mvn --version
```

```
java -jar bookapp.jar
```

```
root@ip-172-31-14-95: /home  X  Windows PowerShell  X  +  v

User sessions running outdated binaries:
ubuntu @ session #1: sshd[1027,1137], su[1373]
ubuntu @ user manager service: systemd[1032]

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-14-95:/home/ubuntu# 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-172-31-14-95:/home/ubuntu# java -jar bookapp.jar

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:: Spring Boot ::                (v3.3.8)

2025-03-11T17:51:36.492Z INFO 13539 --- [bookapp] [main] com.bookapp.BookappApplication
: Starting BookappApplication v0.0.1-SNAPSHOT using Java 21.0.6 with PID 13539 (/home/ubuntu/b
ookapp.jar started by root in /home/ubuntu)
2025-03-11T17:51:36.500Z INFO 13539 --- [bookapp] [main] com.bookapp.BookappApplication
: No active profile set, falling back to 1 default profile: "default"
2025-03-11T17:51:39.520Z INFO 13539 --- [bookapp] [main] o.s.b.w.embedded.tomcat.TomcatWeb
Server : Tomcat initialized with port 8090 (http)
2025-03-11T17:51:39.550Z INFO 13539 --- [bookapp] [main] o.apache.catalina.core.StandardSe
rvice : Starting service [Tomcat]
2025-03-11T17:51:39.551Z INFO 13539 --- [bookapp] [main] o.apache.catalina.core.StandardEn
gine : Starting Servlet engine: [Apache Tomcat/10.1.34]
2025-03-11T17:51:39.794Z INFO 13539 --- [bookapp] [main] o.a.c.c.C.[Tomcat].[localhost].[/
] : Initializing Spring embedded WebApplicationContext
2025-03-11T17:51:39.799Z INFO 13539 --- [bookapp] [main] w.s.c.ServletWebServerApplication
Context : Root WebApplicationContext: initialization completed in 3191 ms
2025-03-11T17:51:41.639Z INFO 13539 --- [bookapp] [main] o.s.b.a.e.web.EndpointLinksResolv
er : Exposing 14 endpoints beneath base path '/actuator'
2025-03-11T17:51:41.805Z INFO 13539 --- [bookapp] [main] o.s.b.w.embedded.tomcat.TomcatWeb
Server : Tomcat started on port 8090 (http) with context path '/'
2025-03-11T17:51:41.840Z INFO 13539 --- [bookapp] [main] com.bookapp.BookappApplication
: Started BookappApplication in 6.601 seconds (process running for 7.863)
2025-03-11T17:54:59.100Z INFO 13539 --- [bookapp] [nio-8090-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/
] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2025-03-11T17:54:59.101Z INFO 13539 --- [bookapp] [nio-8090-exec-1] o.s.web.servlet.DispatcherServlet
: Initializing Servlet 'dispatcherServlet'
2025-03-11T17:54:59.104Z INFO 13539 --- [bookapp] [nio-8090-exec-1] o.s.web.servlet.DispatcherServlet
: Completed initialization in 3 ms
```

