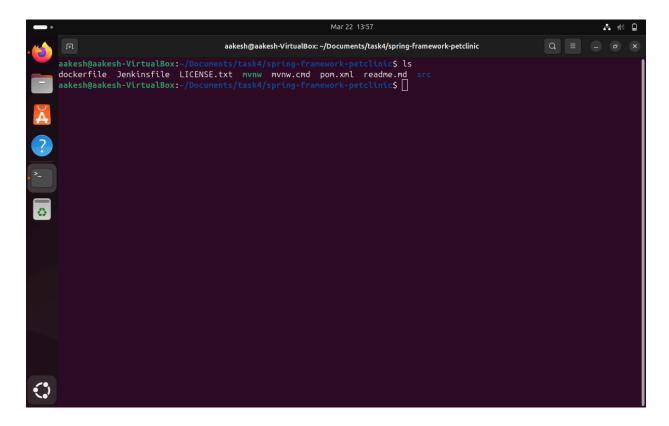
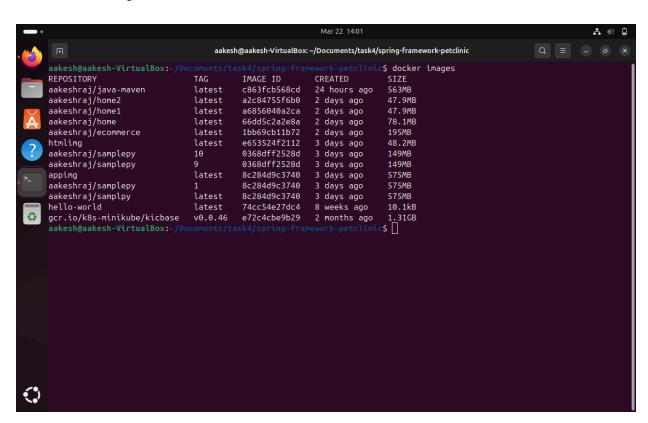
Used a sample springboot project:



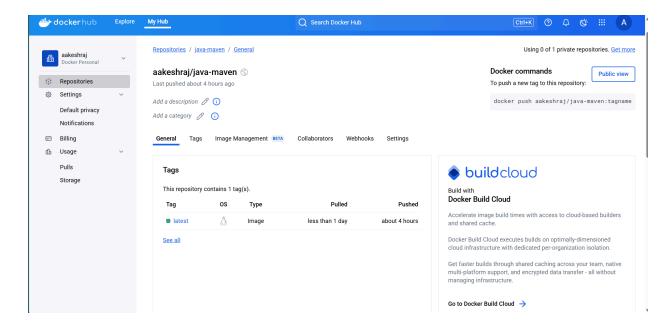
Builded it, and got .war file:

```
a ≡
                                        aakesh@aakesh-VirtualBox: ~/Documents/task4/spring-framework-petclinic
     INFO
           MockServletContext - Initializing Spring TestDispatcherServlet '
          TestDispatcherServlet - Initializing Servlet ''
TestDispatcherServlet - Completed initialization in 1 ms
     INFO
     INFO
          MockServletContext - Initializing Spring TestDispatcherServlet ''
     TNFO
          TestDispatcherServlet - Initializing Servlet ''
TestDispatcherServlet - Completed initialization in 0 ms
     INFO
     INFO
     [NFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.345 s -- in org.springframework.samples.petclin
     ic.web.VisitControllerTests
           Results:
--- jacoco-maven-plugin:0.8.11:report (report) @ spring-framework-petclinic ---
           Loading\ execution\ data\ file\ /home/aakesh/Documents/task4/spring-framework-petclinic/target/jacoco.exec
           Analyzed bundle 'Spring Framework Petclinic' with 36 classes
            --- maven-war-plugin:3.4.0:war (default-war) @ spring-framework-petclinic ---
           Packaging webapp
           Assembling webapp [spring-framework-petclinic] in [/home/aakesh/Documents/task4/spring-framework-petclinic/target
     /petclinic]
          ] Processing war project
            Copying webapp resources [/home/aakesh/Documents/task4/spring-framework-petclinic/src/main/webapp]
           Building war: /home/aakesh/Documents/task4/spring-framework-petclinic/target/petclinic.war
           BUILD SUCCESS
           Total time: 01:45 min
           Finished at: 2025-03-22T13:59:41+05:30
     [INFO] -----
    aakesh@aakesh-VirtualBox:~/Documents/task4/spring-framework-petclinic$ [
```

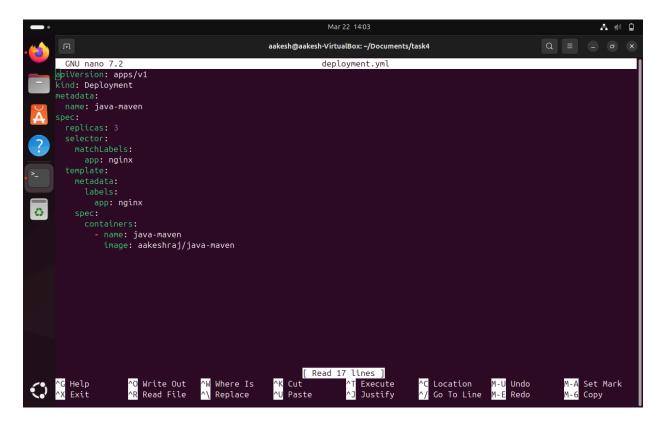
Build Docker Image:



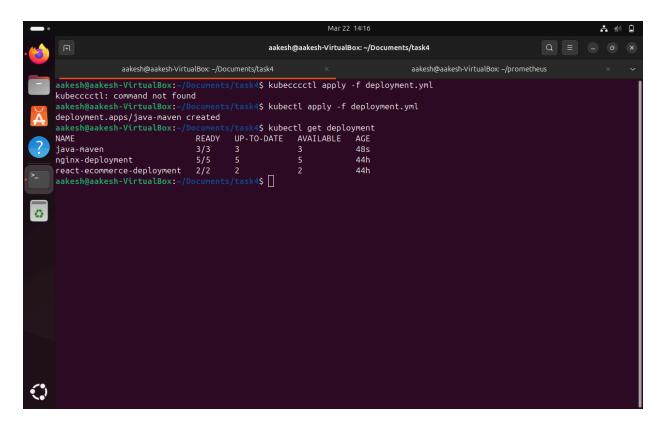
Pushed it to docker hub:



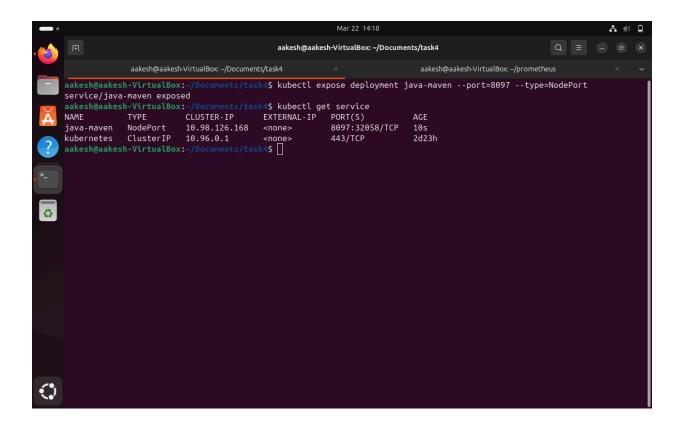
Written deployment.yml file:



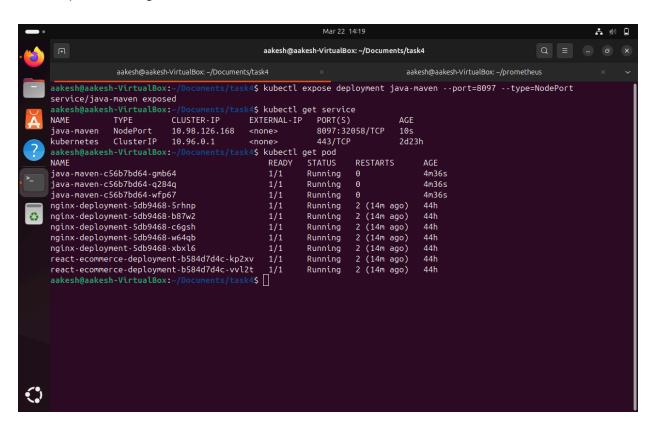
Created deployment:



Exposed the port:



Verified pods running:



Executed the service::

