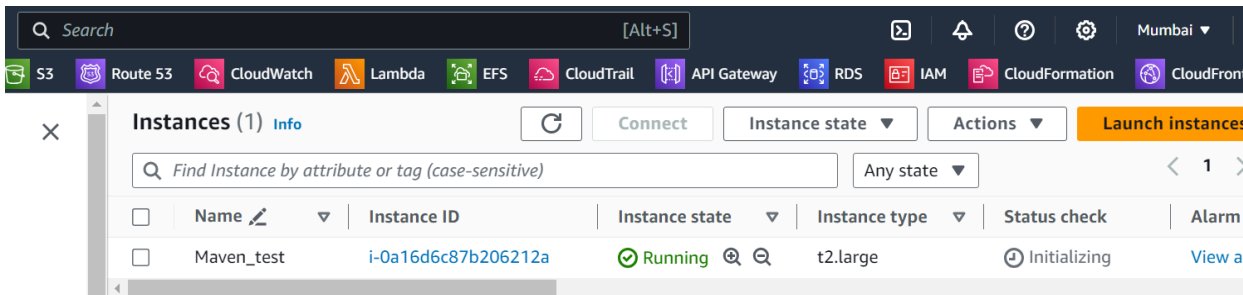


Springpet-clinic Mannual Build Task

1. Sudo apt-get update
2. Sudo apt-get install openjdk-17-jdk -y
3. Sudo apt-get install maven -y
4. Sudo apt-get install jenkins -y

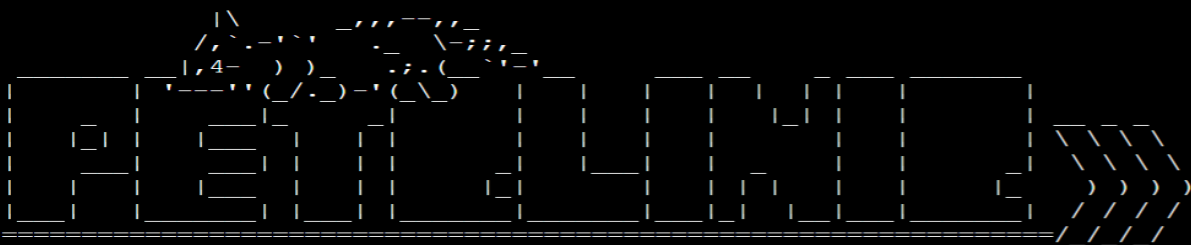
After launching the server do the above installation for the configuration.



```
ubuntu@ip-172-31-6-185:~$ git clone https://github.com/spring-projects/spring-petclinic
Cloning into 'spring-petclinic'...
remote: Enumerating objects: 9995, done.
remote: Total 9995 (delta 0), reused 0 (delta 0), pack-reused 9995
Receiving objects: 100% (9995/9995), 8.10 MiB | 18.42 MiB/s, done.
Resolving deltas: 100% (3757/3757), done.
ubuntu@ip-172-31-6-185:~$ ls
spring-petclinic
ubuntu@ip-172-31-6-185:~$ cd spring-petclinic/
```

```
[INFO] --- spring-boot-maven-plugin:3.2.1:repackage (repackage) @ spring-petclinic ---
[INFO] Replacing main artifact /home/ubuntu/spring-petclinic/target/spring-petclinic-3
ed dependencies in BOOT-INF/.
[INFO] The original artifact has been renamed to /home/ubuntu/spring-petclinic/target/
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 20:57 min
[INFO] Finished at: 2024-03-18T13:23:54Z
[INFO] -----
ubuntu@ip-172-31-6-185:~/spring-petclinic$
```

```
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 20:57 min
[INFO] Finished at: 2024-03-18T13:23:54Z
[INFO] -----
ubuntu@ip-172-31-6-185:~/spring-petclinic$ java -jar target/*.jar
```





spring



HOME

Q FIND OWNERS



VETERINARIANS



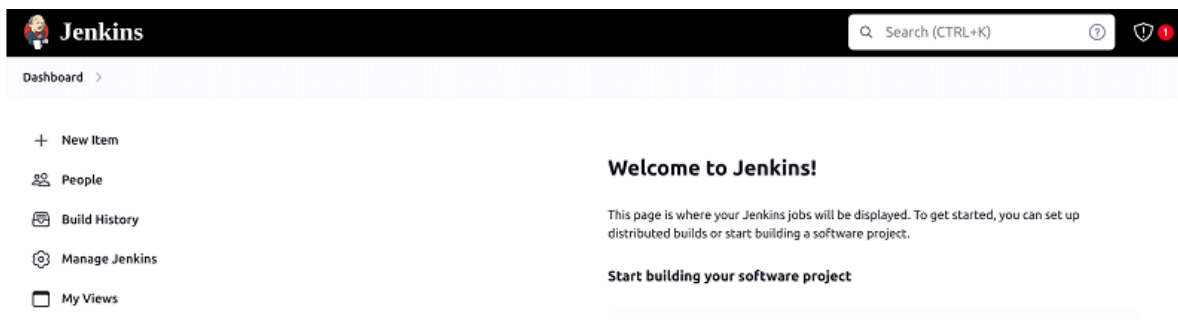
ERROR

Welcome



Springpet-clinic Pipeline Build Task

1. Access Jenkins Dashboard
 2. Create new pipeline project
- Click on "New Item" on the Jenkins dashboard.
 - Enter a name for your pipeline task.
 - Select "Pipeline" and click "OK".



3. Configure JDK Installation

Configure JDK Installation

JDK installations

Add JDK

≡

JDK

×

Name

java-17

JAVA_HOME

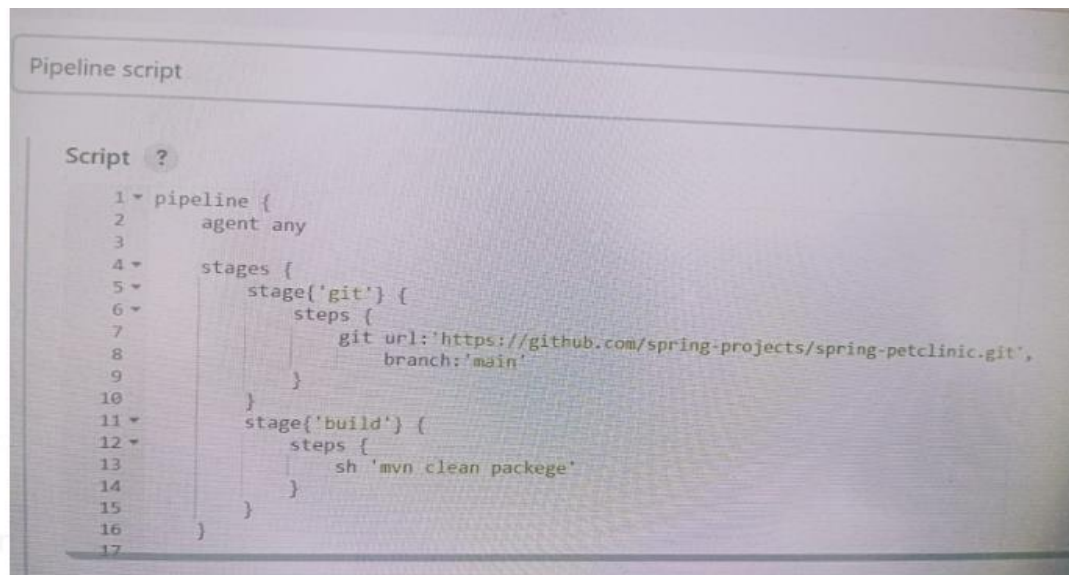
/usr/lib/jvm/java-17-openjdk-amd64

☐ Install automatically

?

Add JDK

4. Write Pipeline Script:

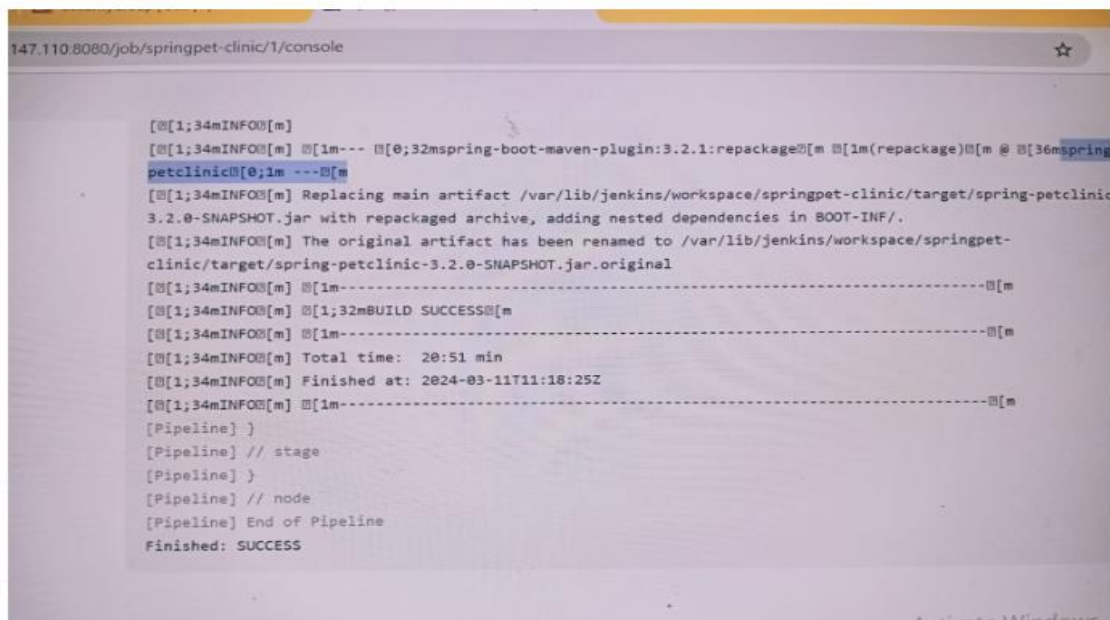


```
Pipeline script

Script ?

1 pipeline {
2     agent any
3
4     stages {
5         stage('git') {
6             steps {
7                 git url: 'https://github.com/spring-projects/spring-petclinic.git',
8                     branch: 'main'
9             }
10        }
11        stage('build') {
12            steps {
13                sh 'mvn clean package'
14            }
15        }
16    }
17}
```

5. Save and Run Pipeline see the result.



```
147.110.8080/job/springpet-clinic/1/console

[01:34mINFO[m]
[01:34mINFO[m] [01m--- [0;32mspring-boot-maven-plugin:3.2.1:repackage[m [1m(repackage)[m @ [36mspring
petclinic[0;1m ---[m
[01:34mINFO[m] Replacing main artifact /var/lib/jenkins/workspace/springpet-clinic/target/spring-petclinic
3.2.0-SNAPSHOT.jar with repackaged archive, adding nested dependencies in BOOT-INF/.
[01:34mINFO[m] The original artifact has been renamed to /var/lib/jenkins/workspace/springpet-
clinic/target/spring-petclinic-3.2.0-SNAPSHOT.jar.original
[01:34mINFO[m] [01m-----[m
[01:34mINFO[m] [01;32mBUILD SUCCESS[m
[01:34mINFO[m] [01m-----[m
[01:34mINFO[m] Total time: 20:51 min
[01:34mINFO[m] Finished at: 2024-03-11T11:18:25Z
[01:34mINFO[m] [01m-----[m
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```