

1/ sudo apt update

sudo apt install opensdk-17-jdk

sudo apt install maven -y

mvn --version

sudo apt install gradle -y

gradle -v

2/

3/ sudo apt update

sudo apt install opensdk-17-jdk

java --version

→ Gradle init / gradle init --type java-application

→ gradle build / gradle clean build

→ gradle dependencies

→ mkdir -p src/main/java/com/example

vi src/main/java/com/example/main.java

code:- package com.example;

public class main

{ public static void main(String args[])

{

System.out.println("Hello, Gradle!");

}

→ gradle run

5) sudo apt update
sudo apt install opensdk-17jdk
java --version

→ wget -O - https://pkg.jenkins.io/debian/jenkins.io.key

sudo apt update

→ sudo apt install curl -y

curl -fsSL https://pkg.jenkins.io/debian/jenkins.io-2023.key

→ sudo apt update

sudo apt install jenkins -y

sudo systemctl enable --now jenkins

sudo systemctl status jenkins

sudo systemctl start jenkins

→ sudo ufw allow 8080

sudo ufw enable

sudo ufw status

→ http://localhost:8080

sudo cat /var/lib/jenkins/secrets/initialAdminPassword

next: jenkins --
version

6) sudo apt update

sudo apt install git -y

git --version

git init

git config --global user.name " "

git config --global user.email " "

~~git~~ add

git commit -m "adding pom.xml"

git branch exp6

git checkout exp6

git push -all

git remote -v

git remote add master https:

//github.com/namsathank/jenkins-ci-pipeline.git

git push -all

git push -u origin --all

experiment-5 same