

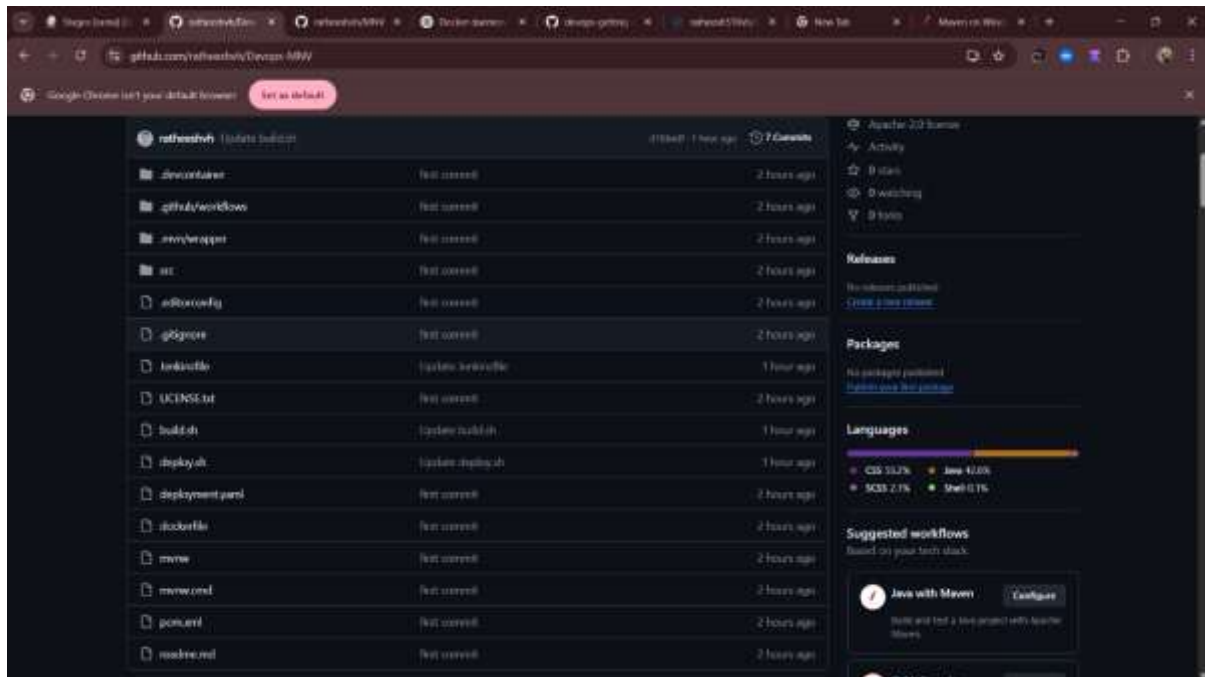
## Task 5

### Install Maven

sudo apt install maven

```
rafay@ubuntu:~$ sudo apt install maven -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libaopalliance-java libapache-pas-java libatinject-jar128-api-java libcore-api-java libcommons-cli-java libcommons-io-java
  libcommons-lang3-java libcommons-parent-java libcoronator-annotation-1.3-spec-java libcoronator-interceptor-3.0-spec-java
  libguava-java libguice-java libjansi-java libjansi280-java libmaven-parent-java libmaven-resolver-java libmaven-shared-utils-java
  libmaven3-core-java libplexus-cipher-java libplexus-classworlds-java libplexus-component-annotations-java libplexus-interpolation-java
  libplexus-sec-dispatcher-java libplexus-utils2-java libsisu-inject-java libsisu-plexus-java libslf4j-java libwagon-file-java
  libwagon-http-shaded-java libwagon-provider-api-java
Suggested packages:
  libatinject-jar128-api-java-doc libat-api-java libcommons-io-java-doc libcore-java libguice-jar128-api-java libjansi280-java-doc
  libmaven-shared-utils-java libplexus-utils2-java-doc libsisu-inject-java libsisu-plexus-java libslf4j-2-java
The following NEW packages will be installed:
  libaopalliance-java libapache-pas-java libatinject-jar128-api-java libcore-api-java libcommons-cli-java libcommons-io-java
  libcommons-lang3-java libcommons-parent-java libcoronator-annotation-1.3-spec-java libcoronator-interceptor-3.0-spec-java
  libguava-java libguice-java libjansi-java libjansi280-java libmaven-parent-java libmaven-resolver-java libmaven-shared-utils-java
  libmaven3-core-java libplexus-cipher-java libplexus-classworlds-java libplexus-component-annotations-java libplexus-interpolation-java
  libplexus-sec-dispatcher-java libplexus-utils2-java libsisu-inject-java libsisu-plexus-java libslf4j-java libwagon-file-java
  libwagon-http-shaded-java libwagon-provider-api-java maven
8 upgrades, 22 newly installed, 0 to remove and 2 not upgraded.
Need to get 18.1 MB of archives.
After this operation, 13.1 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble/universe amd64 libapache-pas-java all 29-2 [5204 B]
Get:2 http://archive.ubuntu.com/ubuntu noble/universe amd64 libatinject-jar128-api-java all 1.0-0+deb1 [5340 B]
Get:3 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcoronator-interceptor-3.0-spec-java all 1.0.0-4+deb1 [2616 B]
Get:4 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcore-api-java all 1.2-3 [54.3 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcommons-cli-java all 1.0-0-1 [39.0 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcommons-parent-java all 46-1 [18.7 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcommons-io-java all 2.11.0-2 [297 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcommons-lang3-java all 3.10.0-1 [566 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble/universe amd64 libjansi280-java all 0.1-0+deb11 [27.0 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble/universe amd64 libguava-java all 32.0.1-1 [2002 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble/universe amd64 libcoronator-annotation-1.3-spec-java all 1.3-1 [11.2 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble/universe amd64 libaopalliance-java all 20070508-7 [6166 B]
Get:13 http://archive.ubuntu.com/ubuntu noble/universe amd64 libjansi-java all 4.2.3-2 [3404 kB]
Get:14 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-cipher-java all 2.0-3-1 [504 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-classworlds-java all 2.1.1-1 [6608 B]
Get:16 http://archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-parent-java all 35-1 [2816 B]
Get:17 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-utils2-java all 1.9-2-1 [250 kB]
Get:18 http://archive.ubuntu.com/ubuntu noble/universe amd64 libwagon-provider-api-java all 1.0.0-1 [47.0 kB]
Get:19 http://archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-resolver-java all 1.0.0-1 [504 kB]
Get:20 http://archive.ubuntu.com/ubuntu noble/universe amd64 libmaven-shared-utils-java all 3.3.4-1 [137 kB]
Get:21 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-cipher-java all 2.0-1 [14.7 kB]
Get:22 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-interpolation-java all 2.1.0-1 [36.0 kB]
Get:23 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-component-annotations-java all 2.1.1-1 [6608 B]
Get:24 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-interpolation-java all 1.20-1 [76.0 kB]
Get:25 http://archive.ubuntu.com/ubuntu noble/universe amd64 libplexus-sec-dispatcher-java all 2.0-8 [28.1 kB]
Get:26 http://archive.ubuntu.com/ubuntu noble/universe amd64 libslf4j-java all 1.9.5-2-1 [100 kB]
Get:27 http://archive.ubuntu.com/ubuntu noble/universe amd64 libsisu-inject-java all 0.3.0-2 [187 kB]
Get:28 http://archive.ubuntu.com/ubuntu noble/universe amd64 libsisu-plexus-java all 0.3.0-3 [181 kB]
Get:29 http://archive.ubuntu.com/ubuntu noble/universe amd64 libmaven3-core-java all 3.0.9-2 [1540 kB]
```

### Fork the repo on github



## Configure Jenkins

- In Jenkins go to configure jenkins > tools
- Locate JDK section
- Uncheck Install Automatically
- Name Java 17
- Go to terminal and enter the command and get the java 17 path:

update-java-alternatives --list

- paste the java path in JAVA\_HOME



The screenshot shows the Jenkins configuration interface for 'Tools'. The 'JDK installations' section is active, displaying a table with one entry named 'JDK'. The 'Name' field is 'JDK', the 'Java 17' field is empty, and the 'JAVA\_HOME' field contains the path '/usr/lib/jvm/java-17.0-openjdk-amd64'. The 'Install automatically' checkbox is unchecked. Below the table, there is an 'Add JDK' button and a 'Get installations' section. At the bottom, there are 'Save' and 'Apply' buttons.

Name	Java 17	JAVA_HOME	Install automatically
JDK		/usr/lib/jvm/java-17.0-openjdk-amd64	<input type="checkbox"/>