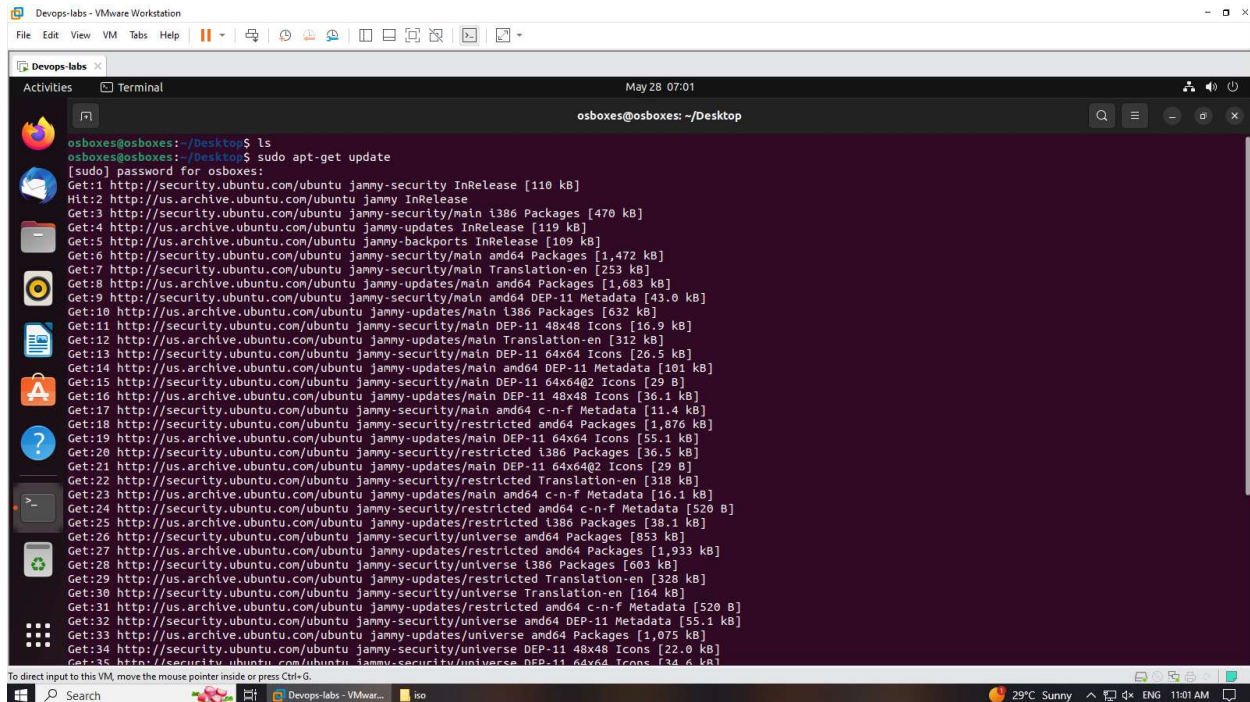


Jenkins and Pipeline

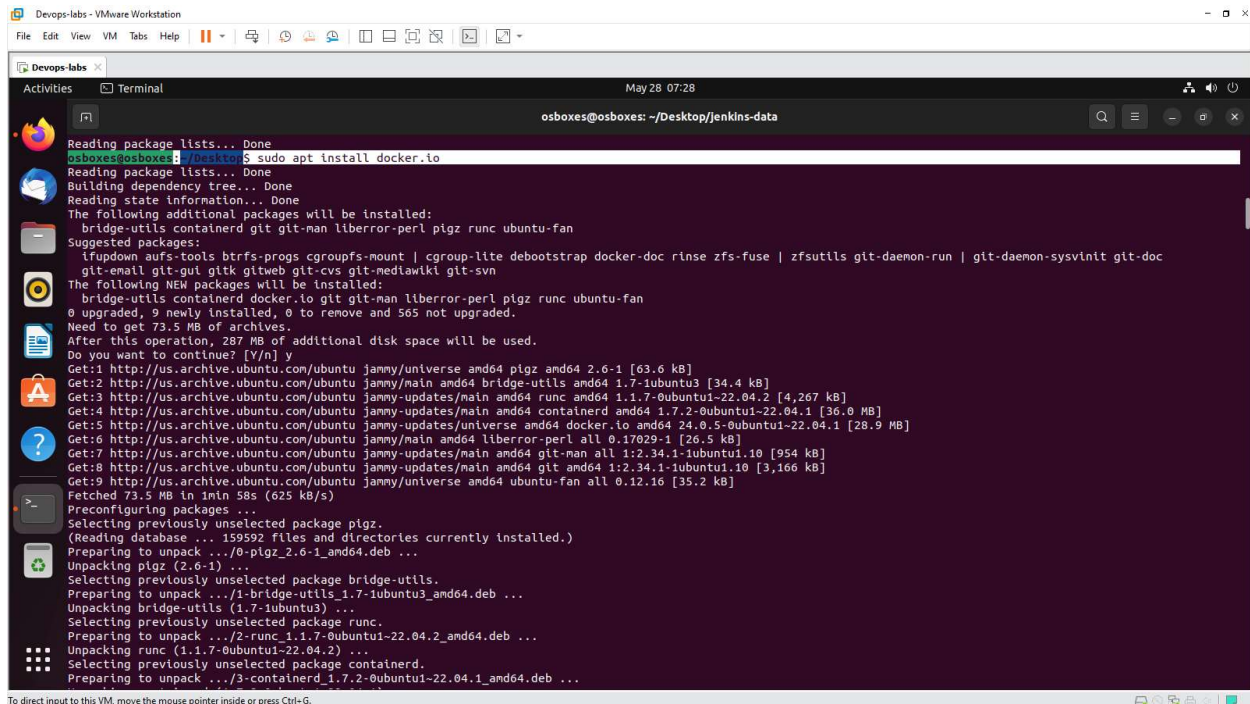
osboxes@osboxes:~/Desktop\$ sudo apt-get update



The screenshot shows a terminal window titled "osboxes@osboxes: ~/Desktop" with the command "sudo apt-get update" executed. The output lists various Ubuntu repositories and the packages they contain, including security updates, main packages, and restricted packages. The terminal window is part of a VMware Workstation environment, as indicated by the "DevOps-labs - VMware Workstation" title bar.

```
osboxes@osboxes:~/Desktop$ ls
osboxes@osboxes:~/Desktop$ sudo apt-get update
[sudo] password for osboxes:
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:2 http://us.archive.ubuntu.com/ubuntu jammy InRelease
Get:3 http://security.ubuntu.com/ubuntu jammy-security/main i386 Packages [470 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:5 http://us.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:6 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1,472 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [253 kB]
Get:8 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1,683 kB]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/main amd64 DEP-11 Metadata [43.0 kB]
Get:10 http://us.archive.ubuntu.com/ubuntu jammy-updates/main i386 Packages [632 kB]
Get:11 http://security.ubuntu.com/ubuntu jammy-security/main DEP-11 48x48 Icons [16.9 kB]
Get:12 http://us.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [312 kB]
Get:13 http://security.ubuntu.com/ubuntu jammy-security/main DEP-11 64x64 Icons [26.5 kB]
Get:14 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 DEP-11 Metadata [101 kB]
Get:15 http://security.ubuntu.com/ubuntu jammy-security/main DEP-11 64x64@2 Icons [29 B]
Get:16 http://us.archive.ubuntu.com/ubuntu jammy-updates/main DEP-11 48x48 Icons [36.1 kB]
Get:17 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11.4 kB]
Get:18 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1,876 kB]
Get:19 http://us.archive.ubuntu.com/ubuntu jammy-updates/main DEP-11 64x64 Icons [55.1 kB]
Get:20 http://security.ubuntu.com/ubuntu jammy-security/restricted i386 Packages [36.5 kB]
Get:21 http://us.archive.ubuntu.com/ubuntu jammy-updates/main DEP-11 64x64@2 Icons [29 B]
Get:22 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [318 kB]
Get:23 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [16.1 kB]
Get:24 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [520 B]
Get:25 http://us.archive.ubuntu.com/ubuntu jammy-updates/restricted i386 Packages [38.1 kB]
Get:26 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [853 kB]
Get:27 http://us.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1,933 kB]
Get:28 http://security.ubuntu.com/ubuntu jammy-security/universe i386 Packages [603 kB]
Get:29 http://us.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [328 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [164 kB]
Get:31 http://us.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [520 B]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 DEP-11 Metadata [55.1 kB]
Get:33 http://us.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1,075 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/universe DEP-11 48x48 Icons [22.0 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/universe DEP-11 64x64 Icons [34.6 kB]
```

osboxes@osboxes:~/Desktop\$ sudo apt install docker.io



The screenshot shows a terminal window titled "osboxes@osboxes: ~/Desktop/jenkins-data" with the command "sudo apt install docker.io" executed. The output displays the package lists, dependency tree, and the installation of docker.io along with its dependencies: bridge-utils, containerd, git, git-man, liberror-perl, pigz, runc, and ubuntu-fan. The terminal window is part of a VMware Workstation environment, as indicated by the "DevOps-labs - VMware Workstation" title bar.

```
osboxes@osboxes:~/Desktop$ sudo apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd git git-man liberror-perl pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools btrfs-progs cgroupfs-mount | cgroup-lite debootstrap docker-doc rinse zfs-fuse | zfsutils git-daemon-run | git-daemon-sysvinit git-doc
  git-email git-gui gitk gitweb git-cvs git-mediawiki git-svn
The following NEW packages will be installed:
  bridge-utils containerd docker.io git git-man liberror-perl pigz runc ubuntu-fan
0 upgraded, 9 newly installed, 0 to remove and 565 not upgraded.
Need to get 73.5 MB of archives.
After this operation, 287 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 pigz amd64 2.6-1 [63.6 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 bridge-utils amd64 1.7-1ubuntu3 [34.4 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 runc amd64 1.1.7-0ubuntu1-22.04.2 [4,267 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 containerd amd64 1.7.2-0ubuntu1-22.04.1 [36.0 MB]
Get:5 http://us.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 docker.io amd64 24.0.5-0ubuntu1-22.04.1 [28.9 MB]
Get:6 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 liberror-perl all 0.17029-1 [26.5 kB]
Get:7 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 git-man all 1:2.34.1-1ubuntu1.10 [954 kB]
Get:8 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 git amd64 1:2.34.1-1ubuntu1.10 [3,166 kB]
Get:9 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 ubuntu-fan all 0.12.16 [35.2 kB]
Fetched 73.5 MB in 1min 58s (625 kB/s)
Preconfiguring packages ...
Selecting previously unselected package pigz.
(Reading database ... 159592 files and directories currently installed.)
Preparing to unpack .../0-pigz_2.6-1_amd64.deb ...
Unpacking pigz (2.6-1) ...
Selecting previously unselected package bridge-utils.
Preparing to unpack .../1-bridge-utils_1.7-1ubuntu3_amd64.deb ...
Unpacking bridge-utils (1.7-1ubuntu3) ...
Selecting previously unselected package runc.
Preparing to unpack .../2-runc_1.1.7-0ubuntu1-22.04.2_amd64.deb ...
Unpacking runc (1.1.7-0ubuntu1-22.04.2) ...
Selecting previously unselected package containerd.
Preparing to unpack .../3-containerd_1.7.2-0ubuntu1-22.04.1_amd64.deb ...
```

```
Devops-labs - VMware Workstation
File Edit View VM Tabs Help
May 28 07:28
osboxes@osboxes: ~/Desktop/jenkins-data

Setting up docker.io (24.0.5-0ubuntu1-22.04.1) ...
Adding group `docker' (GID 136) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Setting up git (1:2.34.1-1ubuntu1.10) ...
Processing triggers for man-db (2.10.2-1) ...
osboxes@osboxes: ~/Desktop$ sudo apt install docker
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  wmdocker
The following NEW packages will be installed:
  docker wmdocker
0 upgraded, 2 newly installed, 0 to remove and 565 not upgraded.
Need to get 14.3 kB of archives.
After this operation, 58.4 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 wmdocker amd64 1.5-2 [13.0 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 docker all 1.5-2 [1,316 B]
Fetched 14.3 kB in 175 (859 B/s)
Selecting previously unselected package wmdocker.
(Reading database ... 160911 files and directories currently installed.)
Preparing to unpack .../wmdocker_1.5-2_amd64.deb ...
Unpacking wmdocker (1.5-2) ...
Selecting previously unselected package docker.
Preparing to unpack .../archives/docker_1.5-2_all.deb ...
Unpacking docker (1.5-2) ...
Setting up wmdocker (1.5-2) ...
Setting up docker (1.5-2) ...
Processing triggers for man-db (2.10.2-1) ...
```

```
Devops-labs
May 28 07:28
osboxes@osboxes: ~/Desktop/jenkins-data

Unpacking docker (1.5-2) ...
Setting up wmdocker (1.5-2) ...
Setting up docker (1.5-2) ...
Processing triggers for man-db (2.10.2-1) ...
osboxes@osboxes: ~/Desktop$ docker pull jenkins/jenkins
Using default tag: latest
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/images/create?fromI
mage=jenkins%2Fjenkins%2Ftag=latest": dial unix /var/run/docker.sock: connect: permission denied
osboxes@osboxes: ~/Desktop$ sudo docker pull jenkins/jenkins
Using default tag: latest
latest: Pulling from jenkins/jenkins
c6cf28de8a06: Pull complete
5bddd15c8a68: Pull complete
b11bd7049c1d: Pull complete
dfc064b12cd: Pull complete
7ed2ae47be8a: Pull complete
f27e8522181b: Pull complete
283e2073fc83: Pull complete
8c04c3155009: Pull complete
225d9857ca25: Pull complete
8911d7576406: Pull complete
92224cfe8434: Pull complete
f01db919f05f: Pull complete
Digest: sha256:b059a64e3082717d393fa7165872bfb3ec879bf1269a2875629c5a32304e44
Status: Downloaded newer image for jenkins/jenkins:latest
docker.io/jenkins/jenkins:latest
osboxes@osboxes: ~/Desktop$ mkdir jenkins-data
osboxes@osboxes: ~/Desktop$ cd jenkins-data/
osboxes@osboxes: ~/Desktop/jenkins-data$ mkdir jenkins_home
osboxes@osboxes: ~/Desktop/jenkins-data$ nano docker-compose.yaml
```

```
Devops-labs - VMware Workstation
File Edit View VM Tabs Help
May 28 07:29
osboxes@osboxes: ~/Desktop/jenkins-data

See 'snap info docker' for additional versions.
osboxes@osboxes: ~/Desktop/jenkins-data$ sudo apt install docker-compose
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libpython3-stdlib libpython3.10-stdlib libpython3.10-minimal libpython3.10-stdlib python3 python3-attr python3-distutils python3-docker python3-dockerpty python3-docopt
  python3-dotenv python3-jschema python3-lib2to3 python3-lib2to3 python3-minimal python3-pkg-resources python3-pyrsistent python3-setuptools python3-texttable python3-websocket
  python3.10 python3.10-minimal
Suggested packages:
  python3-doc python3-tk python3-venv python-attr-doc python-jschema-doc python-setuptools-doc python3.10-venv python3.10-doc binutils binfmt-support
The following NEW packages will be installed:
  docker-compose python3-attr python3-distutils python3-docker python3-dockerpty python3-docopt python3-dotenv python3-jschema python3-pyrsistent
  python3-setuptools python3-texttable python3-websocket
The following packages will be upgraded:
  libpython3-stdlib libpython3.10-stdlib libpython3.10-minimal libpython3.10-stdlib python3 python3-lib2to3 python3-minimal python3-pkg-resources python3.10
  python3.10-minimal
10 upgraded, 12 newly installed, 0 to remove and 555 not upgraded.
Need to get 8,533 kB of archives.
After this operation, 4,999 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3.10 amd64 3.10.12-1-22.04.3 [508 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-lib2to3 all 3.10.8-1-22.04 [77.6 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libpython3.10 amd64 3.10.12-1-22.04.3 [1,948 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libpython3.10-stdlib amd64 3.10.12-1-22.04.3 [1,848 kB]
Get:5 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3.10-minimal amd64 3.10.12-1-22.04.3 [2,242 kB]
Get:6 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libpython3.10-minimal amd64 3.10.12-1-22.04.3 [812 kB]
Get:7 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-minimal amd64 3.10.6-1-22.04 [24.3 kB]
Get:8 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3 amd64 3.10.6-1-22.04 [22.8 kB]
Get:9 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libpython3-stdlib amd64 3.10.6-1-22.04 [6,910 B]
Get:10 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-pkg-resources all 59.6.0-1.2ubuntu0.22.04.1 [132 kB]
Get:11 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-distutils all 3.10.8-1-22.04 [139 kB]
Get:12 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-websocket all 1.2.3-1 [34.7 kB]
Get:13 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-docker all 5.0.3-1 [89.3 kB]
Get:14 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-dockerpty all 0.4.1-2 [11.1 kB]
Get:15 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-docopt all 0.6.2-4 [26.9 kB]
Get:16 http://us.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-dotenv all 0.19.2-1 [20.5 kB]
Get:17 http://us.archive.ubuntu.com/ubuntu jammy/main amd64 python3-attr all 21.2.0-1 [44.0 kB]
Get:18 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-setuptools all 59.6.0-1.2ubuntu0.22.04.1 [339 kB]
```

To direct input to this VM, move the mouse pointer inside or press Ctrl-G.

Devops-1 - VMware Workstation

File Edit View VM Tabs Help

Devops-labs Devops-1

Activities Terminal May 31 14:04 osboxes@osboxes: ~

```
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

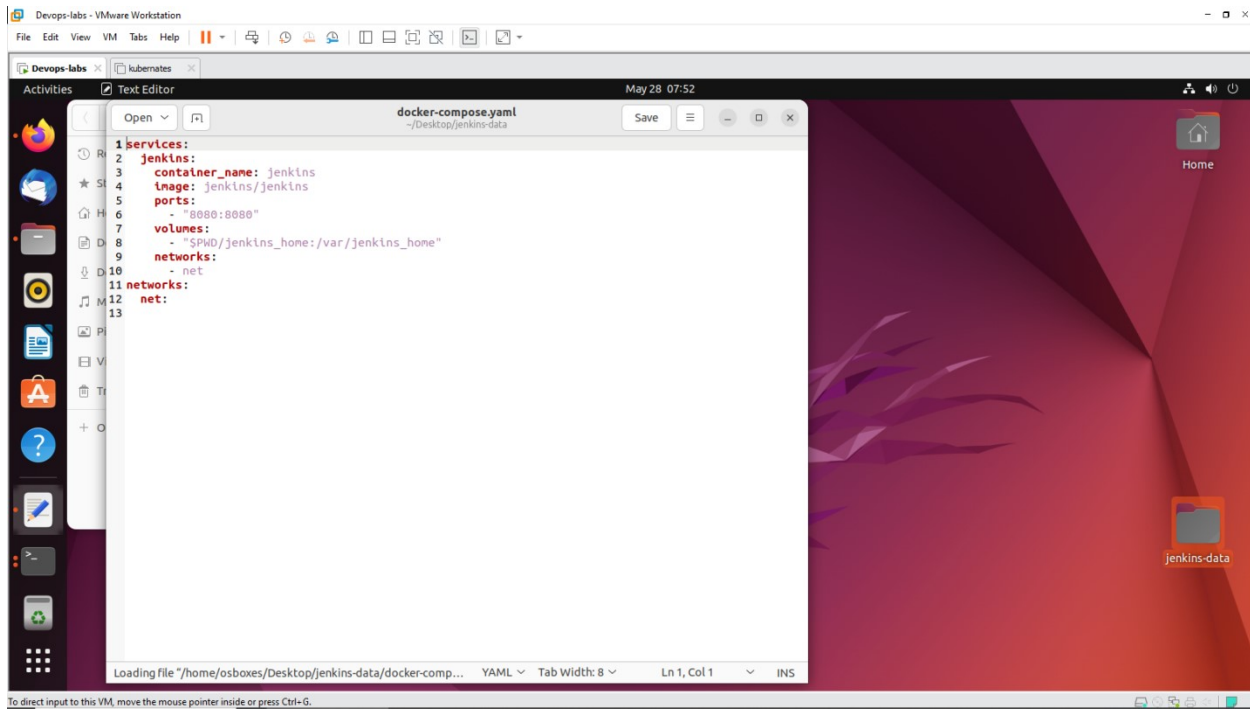
<p><em>Thank you for using nginx.</em></p>
</body>
</html>

osboxes@osboxes:~$ kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment 3/3     3            3           18m
osboxes@osboxes:~$ kubectl scale deployment nginx-deployment --replicas=10
deployment.apps/nginx-deployment scaled
osboxes@osboxes:~$ kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment 3/10    10           3           18m
osboxes@osboxes:~$ kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment 3/10    10           3           19m
osboxes@osboxes:~$ kubectl get nodes
NAME    STATUS   ROLES    AGE   VERSION
osboxes Ready    <none>  22m   v1.28.9
osboxes@osboxes:~$ kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment 10/10   10           10          19m
osboxes@osboxes:~$ kubectl scale deployment nginx-deployment --replicas=4
deployment.apps/nginx-deployment scaled
osboxes@osboxes:~$ kubectl get deployments
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment 4/4     4            4           19m
osboxes@osboxes:~$
```

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

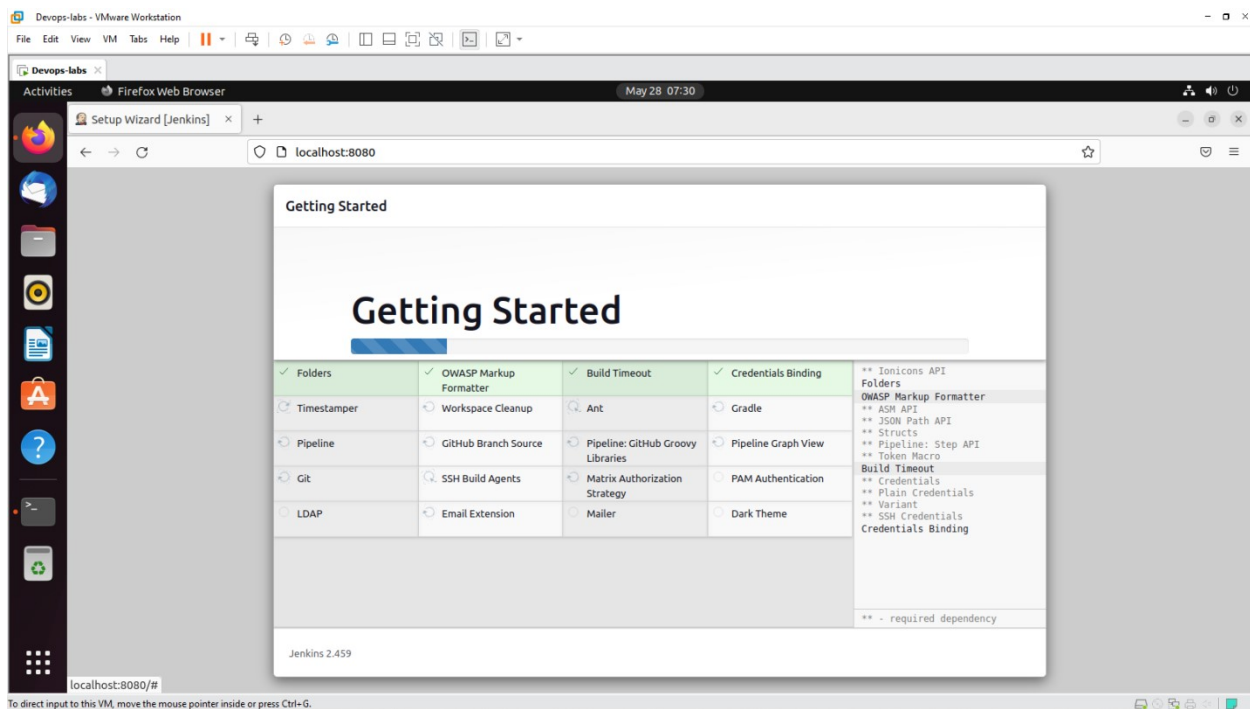
Search Devops-1 - VMware ... Data Interpretation C... 35°C Sunny 6:04 PM

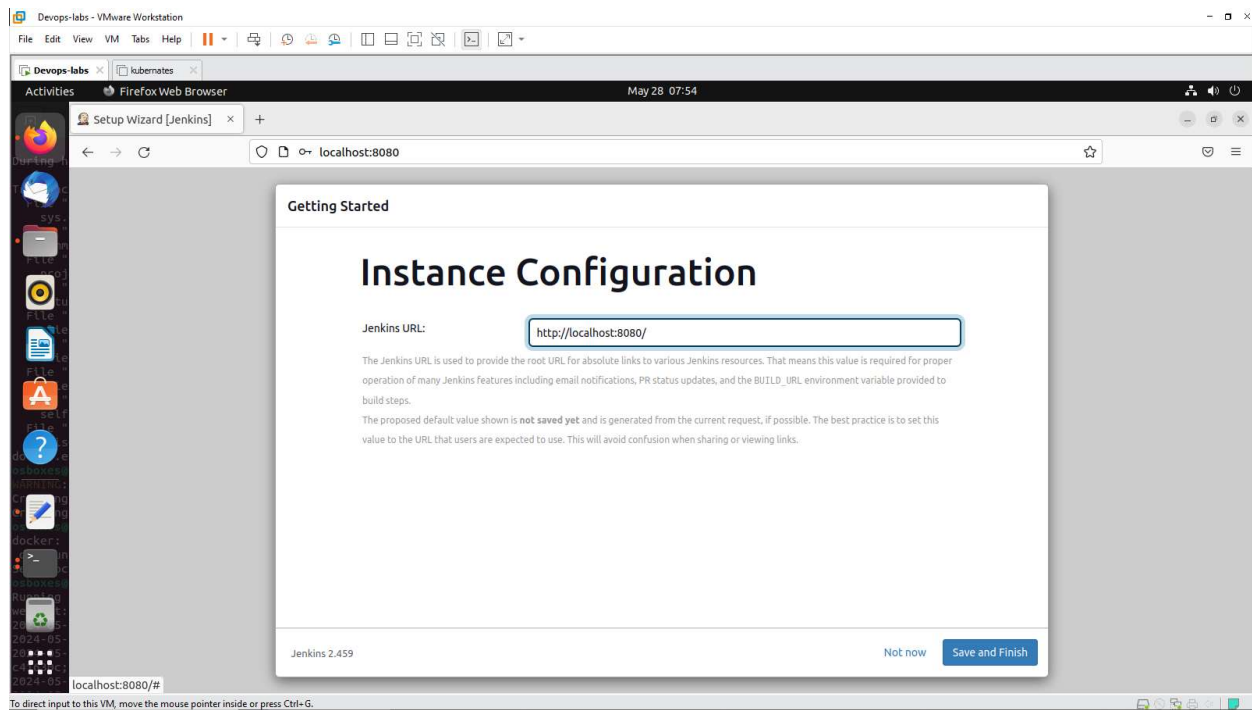
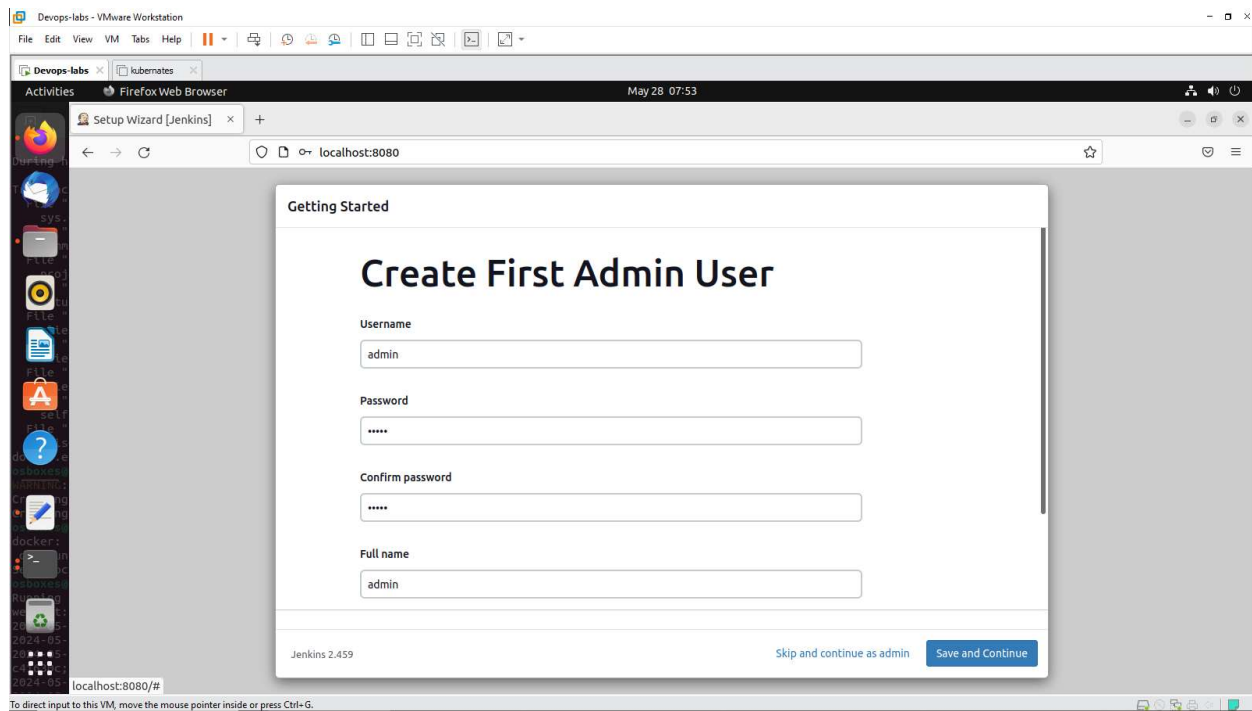
osboxes@osboxes:~/Desktop/jenkins-data\$ sudo nano docker-compose.yaml

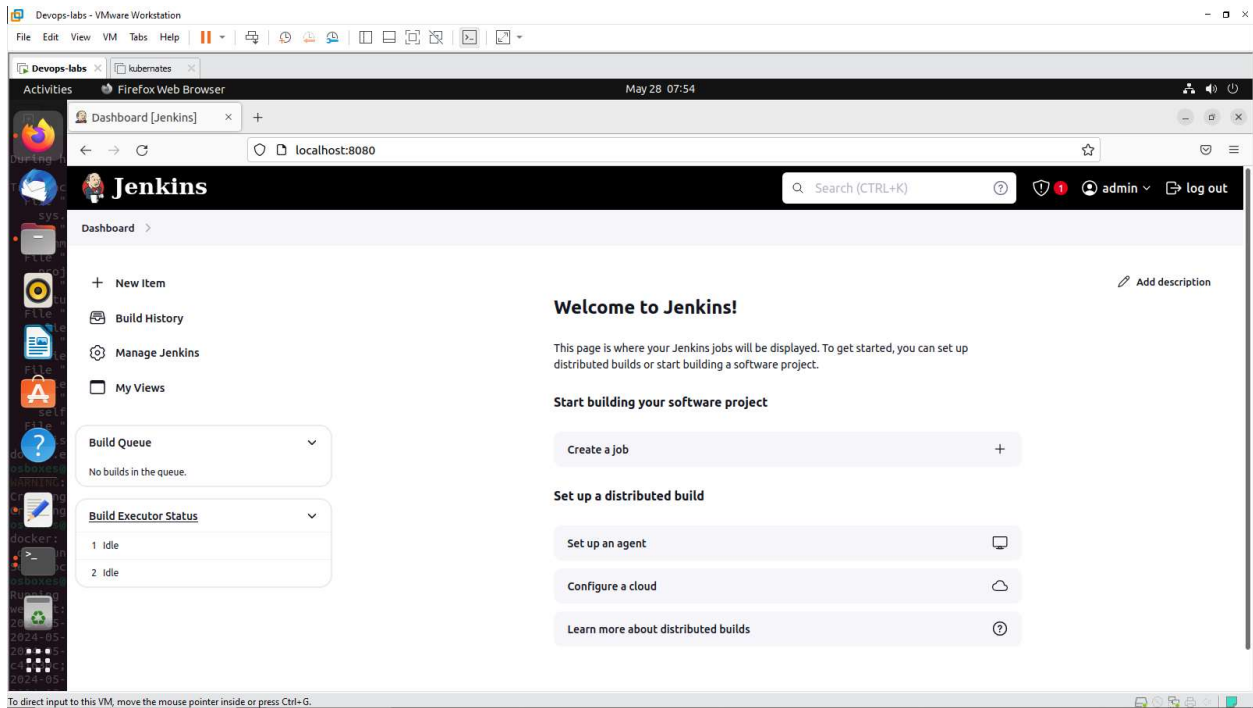
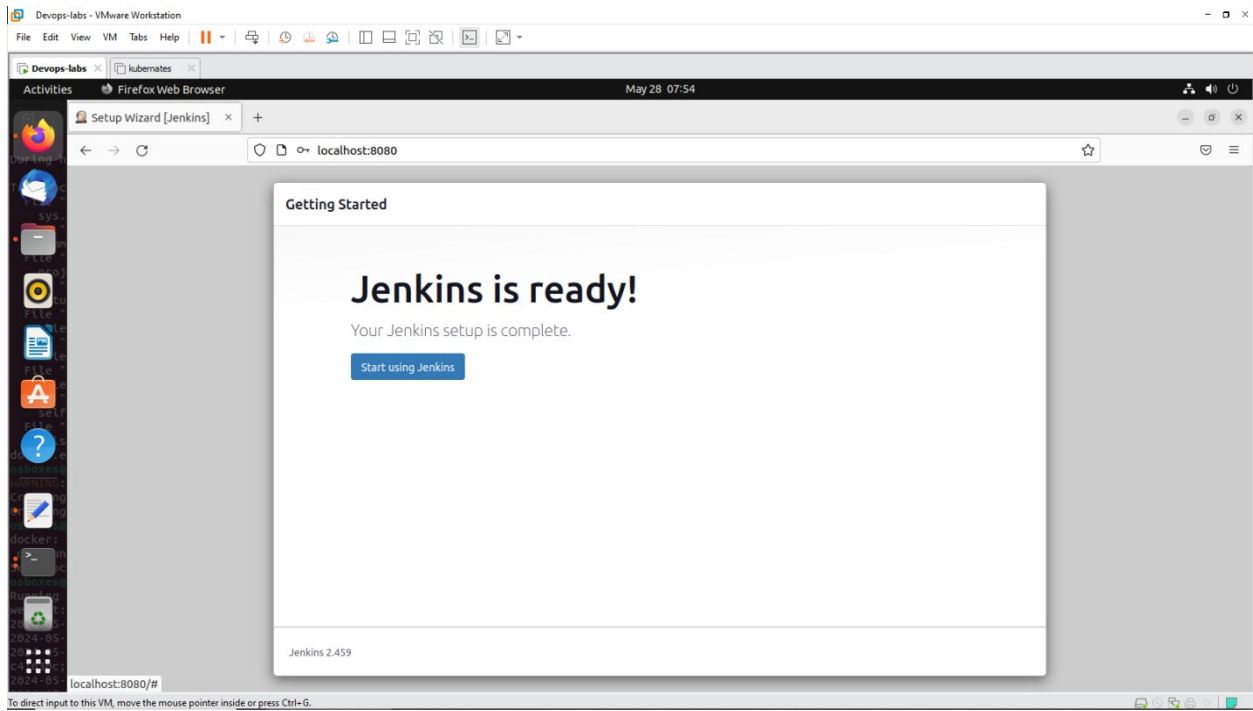


osboxes@osboxes:~/Desktop/jenkins-data\$ sudo docker-compose up -d

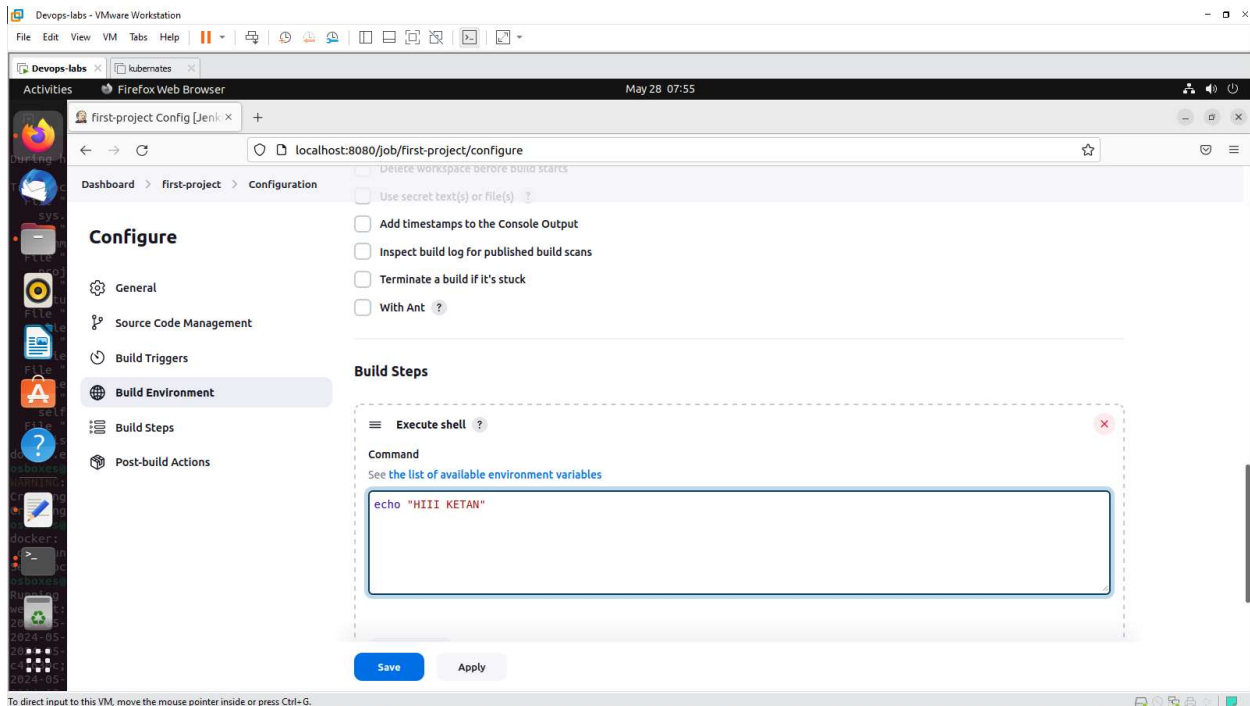
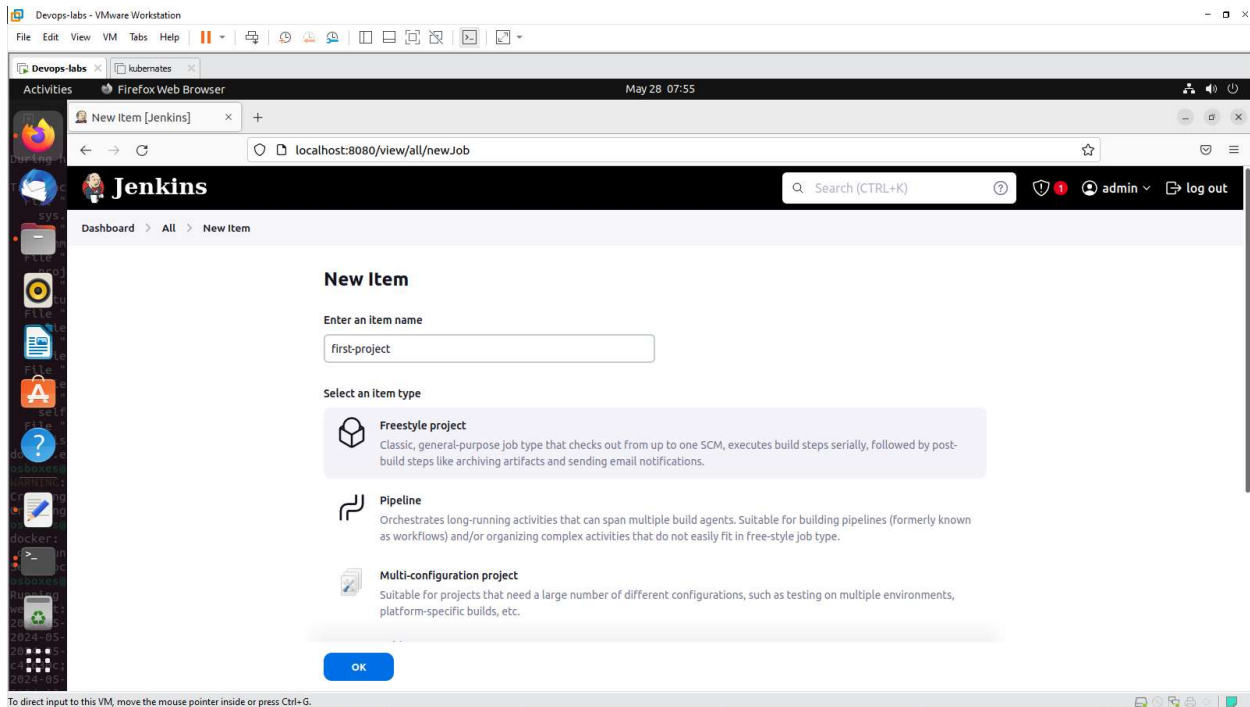
osboxes@osboxes:~/Desktop/jenkins-data\$ sudo docker run -p 8080:8080 jenkins/Jenkins

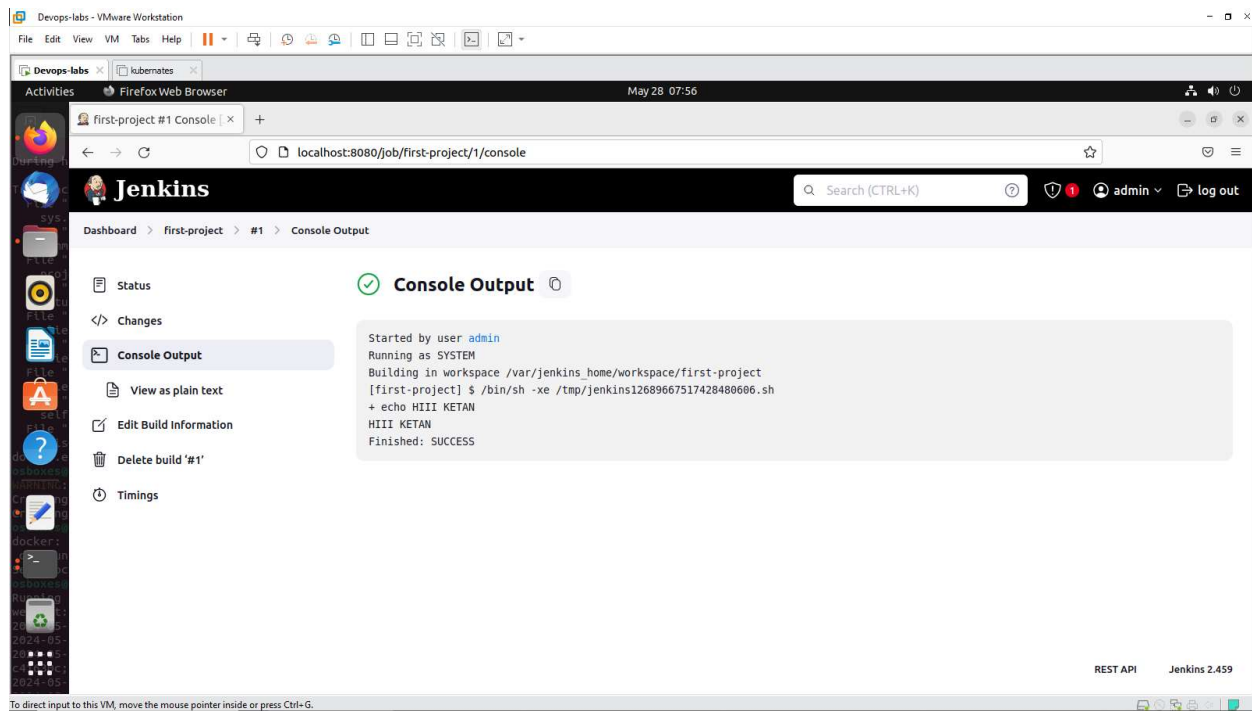






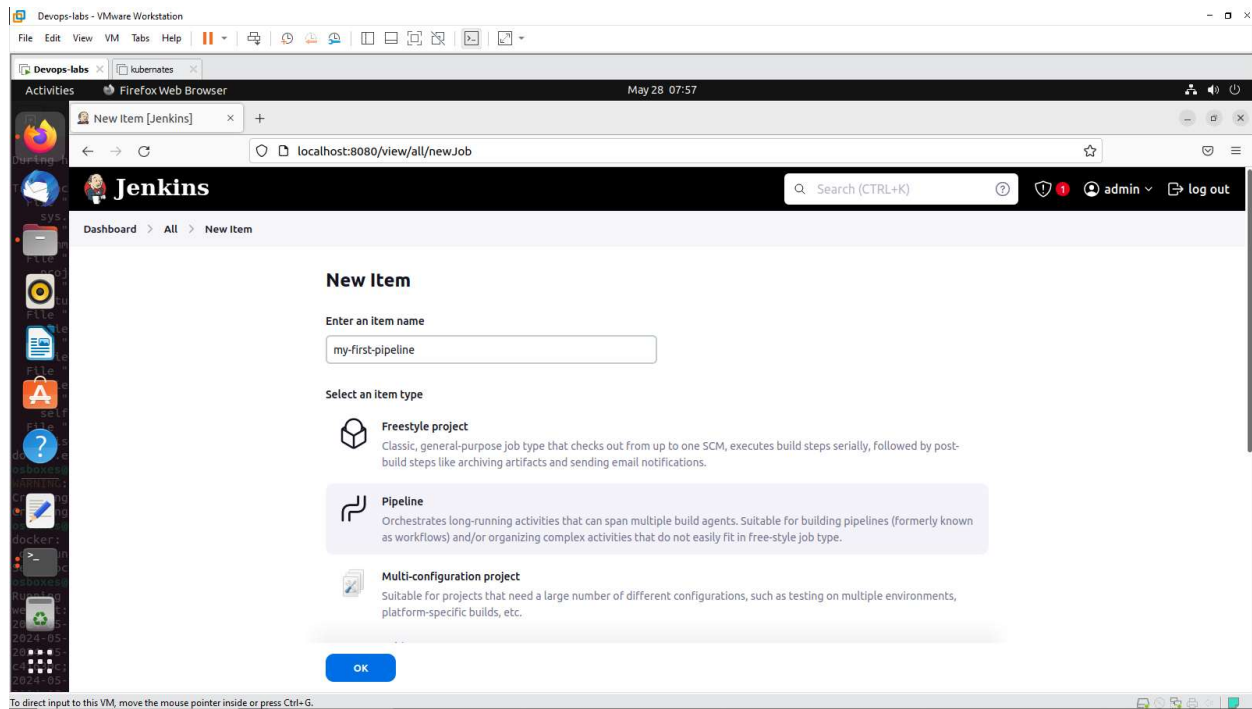
a. Creating first project



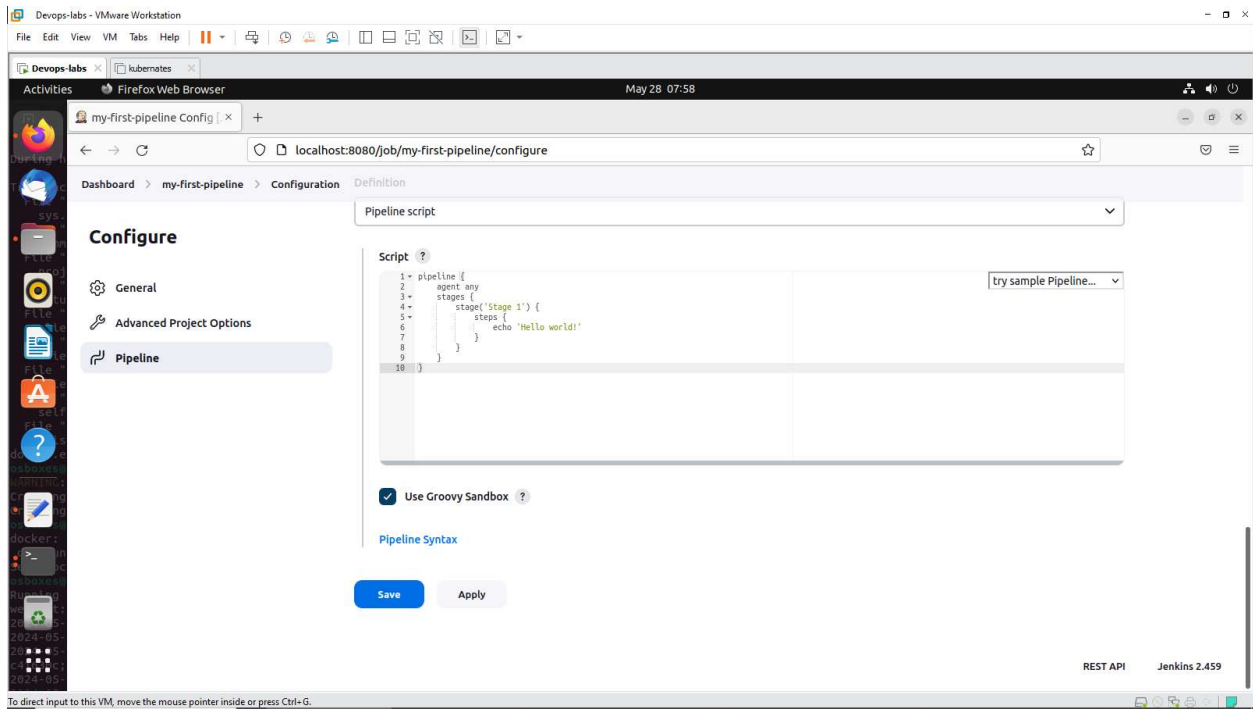


b. Creating pipeline

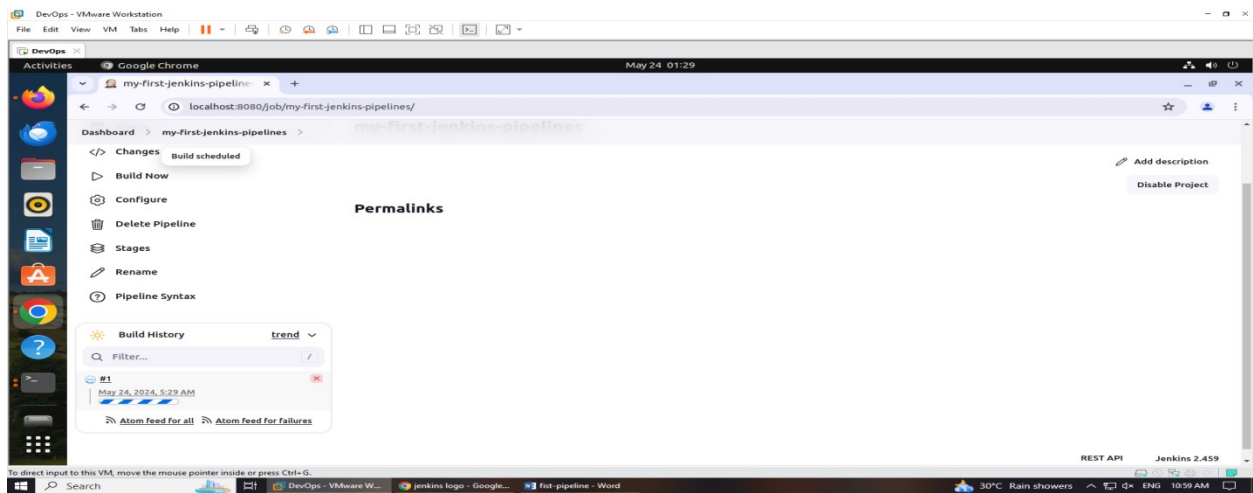
Select the pipeline project



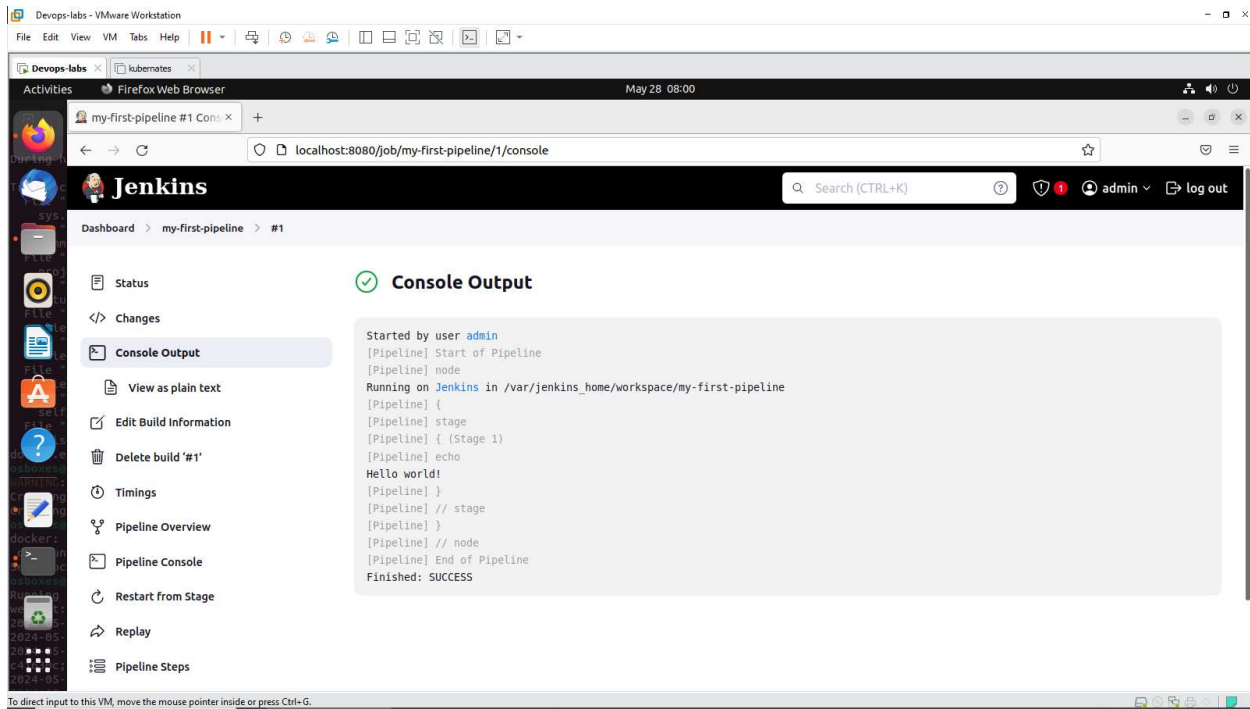
Select pipeline script



Build Now



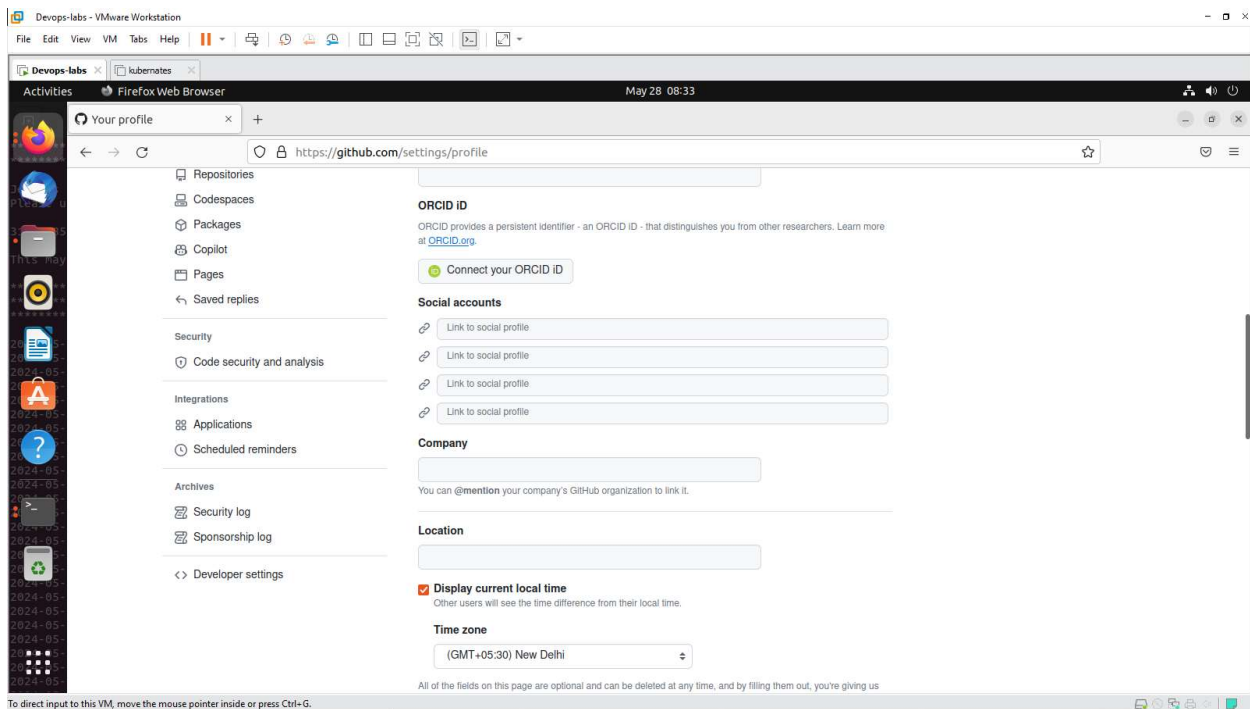
OUTPUT



The screenshot shows a Jenkins web interface in a Firefox browser window. The address bar displays `localhost:8080/job/my-first-pipeline/1/console`. The Jenkins dashboard on the left lists various actions for the pipeline, with 'Console Output' selected. The main content area, titled 'Console Output', shows the following log:

```
Started by user admin
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/my-first-pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Stage 1)
[Pipeline] echo
Hello world!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

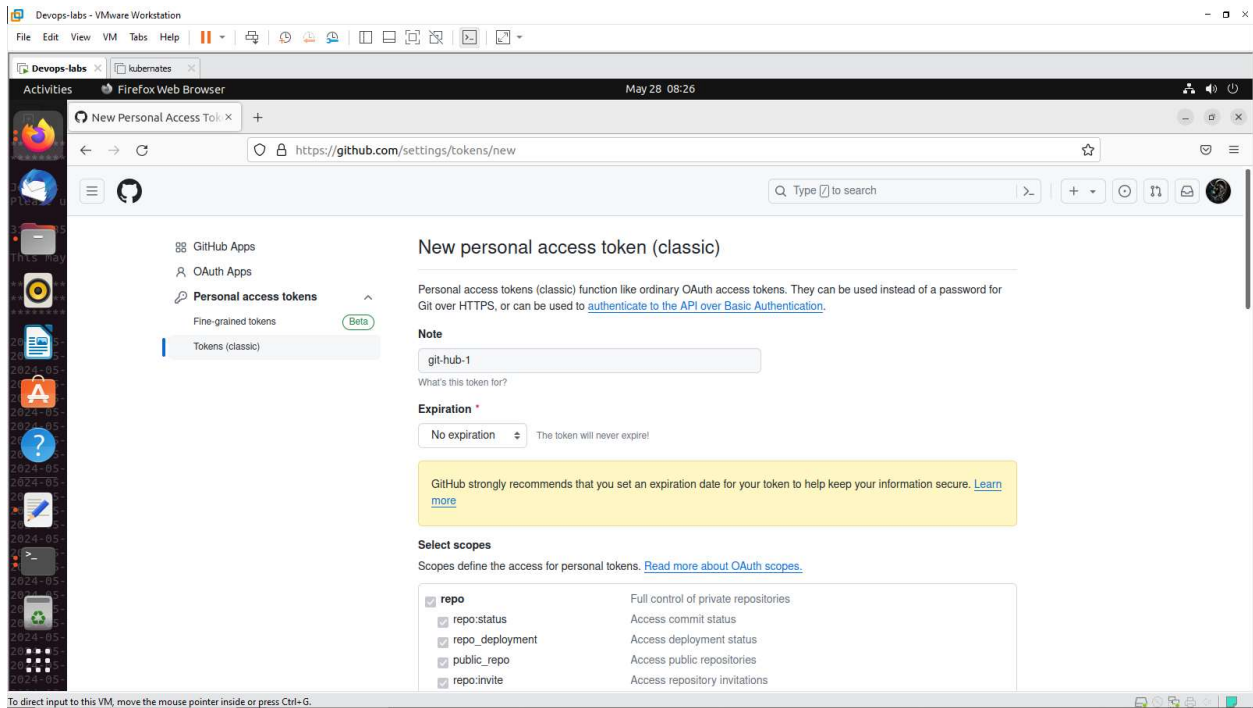
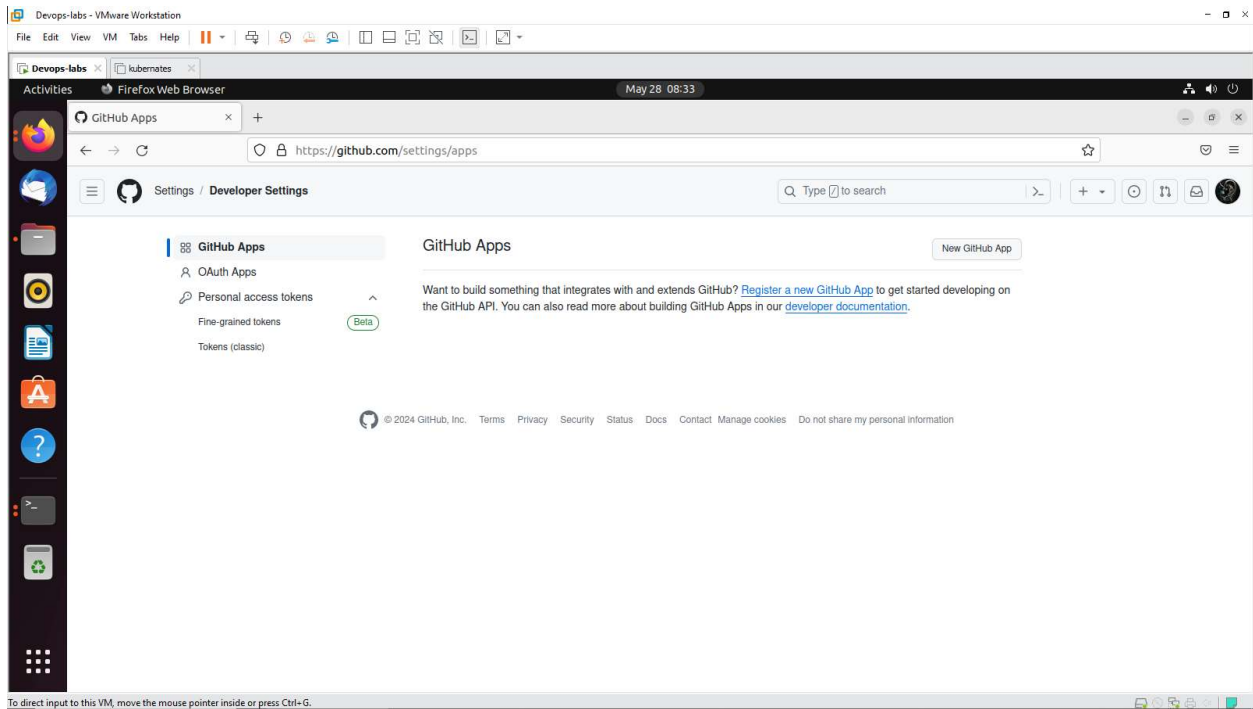
c. Use Git hub Project

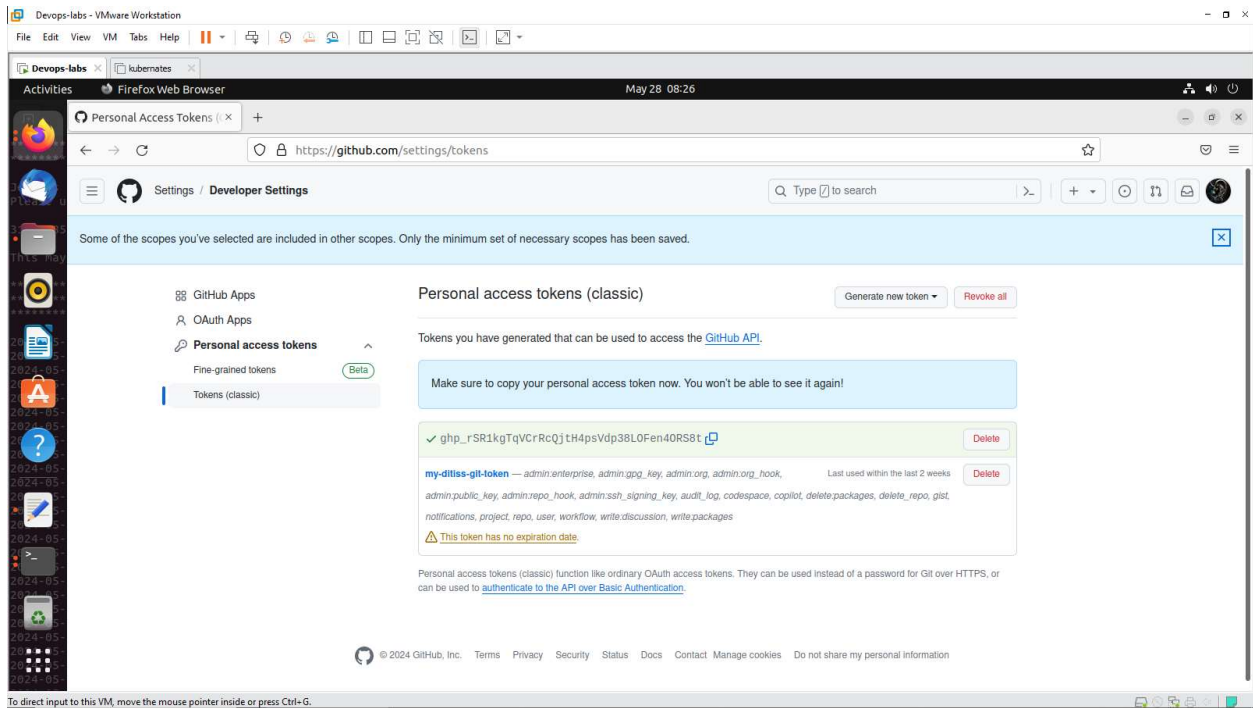
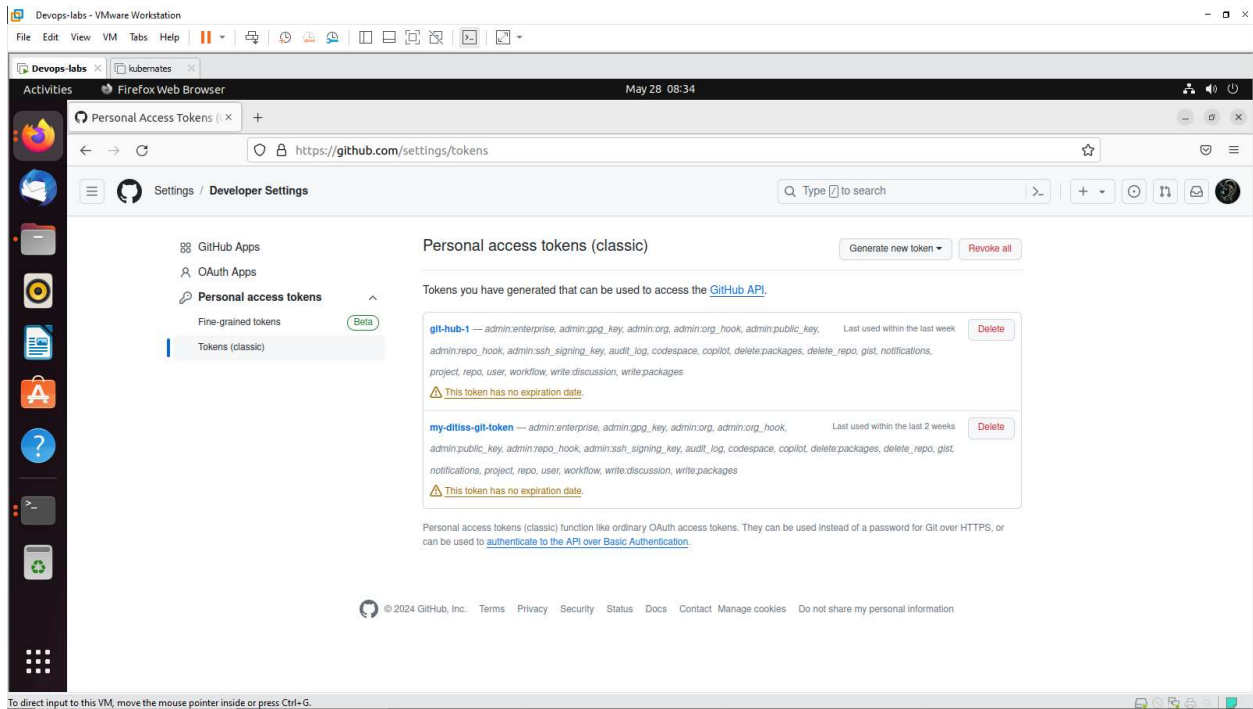


The screenshot shows the GitHub 'Your profile' settings page in a Firefox browser window. The address bar displays `https://github.com/settings/profile`. The left sidebar contains a list of settings categories, with 'Developer settings' expanded. The main content area shows the following settings:

- ORCID ID**: A section for linking an ORCID ID, with a 'Connect your ORCID ID' button.
- Social accounts**: A section for linking social media profiles, with four 'Link to social profile' buttons.
- Company**: A text input field for a company name, with a note: 'You can @mention your company's GitHub organization to link it.'
- Location**: A text input field for a location.
- Display current local time**: A checkbox that is checked, with a note: 'Other users will see the time difference from their local time.'
- Time zone**: A dropdown menu showing '(GMT+05:30) New Delhi'.

At the bottom of the page, a note states: 'All of the fields on this page are optional and can be deleted at any time, and by filling them out, you're giving us'.






```
DevOps-labs - VMware Workstation
File Edit View VM Tabs Help
DevOps-labs x kubernetes
Activities Terminal May 28 08:32
osboxes@osboxes: ~/Desktop/my-project-1/code

osboxes@osboxes:~/Desktop/my-project$ cd ..
osboxes@osboxes:~/Desktop$ mkdir my-project
mkdir: cannot create directory 'my-project': File exists
osboxes@osboxes:~/Desktop$ mkdir my-project-1
osboxes@osboxes:~/Desktop$ cd my-project-1
osboxes@osboxes:~/Desktop/my-project-1$ echo "# git-hub-1" >> README.md
osboxes@osboxes:~/Desktop/my-project-1$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint: git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint: git branch -m <name>
Initialized empty Git repository in /home/osboxes/Desktop/my-project-1/.git/
osboxes@osboxes:~/Desktop/my-project-1$ git add README.md
osboxes@osboxes:~/Desktop/my-project-1$ git commit -m "first commit"
[master (root-commit) 1ab5c28] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md
osboxes@osboxes:~/Desktop/my-project-1$ git branch -M main
osboxes@osboxes:~/Desktop/my-project-1$ git remote add origin https://github.com/ketansonwane1/git-hub-1.git
osboxes@osboxes:~/Desktop/my-project-1$ git push -u origin main
Username for 'https://github.com': ketansonwane1
Password for 'https://ketansonwane1@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 223 bytes | 223.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ketansonwane1/git-hub-1.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
osboxes@osboxes:~/Desktop/my-project-1$ ls
README.md token
osboxes@osboxes:~/Desktop/my-project-1$ mkdir code
osboxes@osboxes:~/Desktop/my-project-1$ cd code/
```

DevOps-labs - VMware Workstation

Firefox Web Browser May 29 07:48

localhost:8080/manage/pluginManager/installed

Jenkins

Search (CTRL+K)

admin • log out

Dashboard > Manage Jenkins > Plugins

Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

github inte

Name ↓	Enabled
GitHub Integration Plugin 0.7.0	<input checked="" type="checkbox"/>
GitHub Integration Plugin for Jenkins	<input checked="" type="checkbox"/>
GitHub plugin 1.39.0	<input checked="" type="checkbox"/>
This plugin integrates GitHub to Jenkins. Report an issue with this plugin	

REST API Jenkins 2.459

Devops-labs - VMware Workstation

File Edit View VM Tabs Help

Devops-labs

Activities Firefox Web Browser May 29 07:47

Download progress - Plugins

localhost:8080/manage/pluginManager/updates/

Jenkins

Search (CTRL+K) admin log out

Dashboard > Manage Jenkins > Plugins

Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Ionicons API	Success
Folders	Success
OWASP Markup Formatter	Success
ASM API	Success
JSON Path API	Success
Structs	Success
Pipeline: Step API	Success
Token Macro	Success
Build Timeout	Success
Credentials	Success
Plain Credentials	Success
Variant	Success
SSH Credentials	Success

To direct input to this VM, click inside or press Ctrl+G.

Search Devops-labs - VMwar... Iron Man saves the N... Jenkins [Protected Vie... devops Very Simple Comman... 29°C Clear ENG 11:47 AM

Devops-labs - VMware Workstation

File Edit View VM Tabs Help

Devops-labs

Activities Firefox Web Browser May 29 07:49

New Item [Jenkins]

localhost:8080/view/all/newJob

Jenkins

Search (CTRL+K) admin log out

Dashboard > All > New Item

New Item

Enter an item name

my-first-github-pipeline

Select an item type

Freestyle project
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

OK

To direct input to this VM, click inside or press Ctrl+G.

Search Devops-labs - VMwar... Iron Man saves the N... Jenkins [Protected Vie... devops Very Simple Comman... osboxes - Word 29°C ENG 11:49 AM

- Jenkins UI->Manage Jenkins->Plugins->Available plugins->Search for Github->Select GitHub Integration->Install->Go back to the top page (Note: Do NOT select Restart jenkins ...)
- Dashboard->New item
- Project name: my-github-project->Freestyle project->Ok->Source code management->Git->Repository URL->*Paste the actual URL*->Branches to build->Branch specifier->*/main->Save->Build now
- Configure the project->Build steps->Add build step->Execute shell->./say_hello.sh->Save->Build now

```

Building in workspace /var/jenkins_home/workspace/my-first-github-pipeline
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/my-first-github-pipeline/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/ketansowane1/jenkin-24-5.git # timeout=10
Fetching upstream changes from https://github.com/ketansowane1/jenkin-24-5.git
> git --version # timeout=10
> git --version # 'git version 2.39.2'
> git fetch --tags --force --progress -- https://github.com/ketansowane1/jenkin-24-5.git +refs/heads/*:refs/remotes/origin/* #
timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision e2b610ca10ad987aee219e0b9e2867ba2b9d4e76 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f e2b610ca10ad987aee219e0b9e2867ba2b9d4e76 # timeout=10
Commit message: "First commit of say hello"
> git rev-list --no-walk e2b610ca10ad987aee219e0b9e2867ba2b9d4e76 # timeout=10
[my-first-github-pipeline] $ /bin/sh -xe /tmp/jenkins12858613211327166244.sh
+ ./say_hello.sh
HELLO FROM DESKTOP
Finished: SUCCESS
  
```