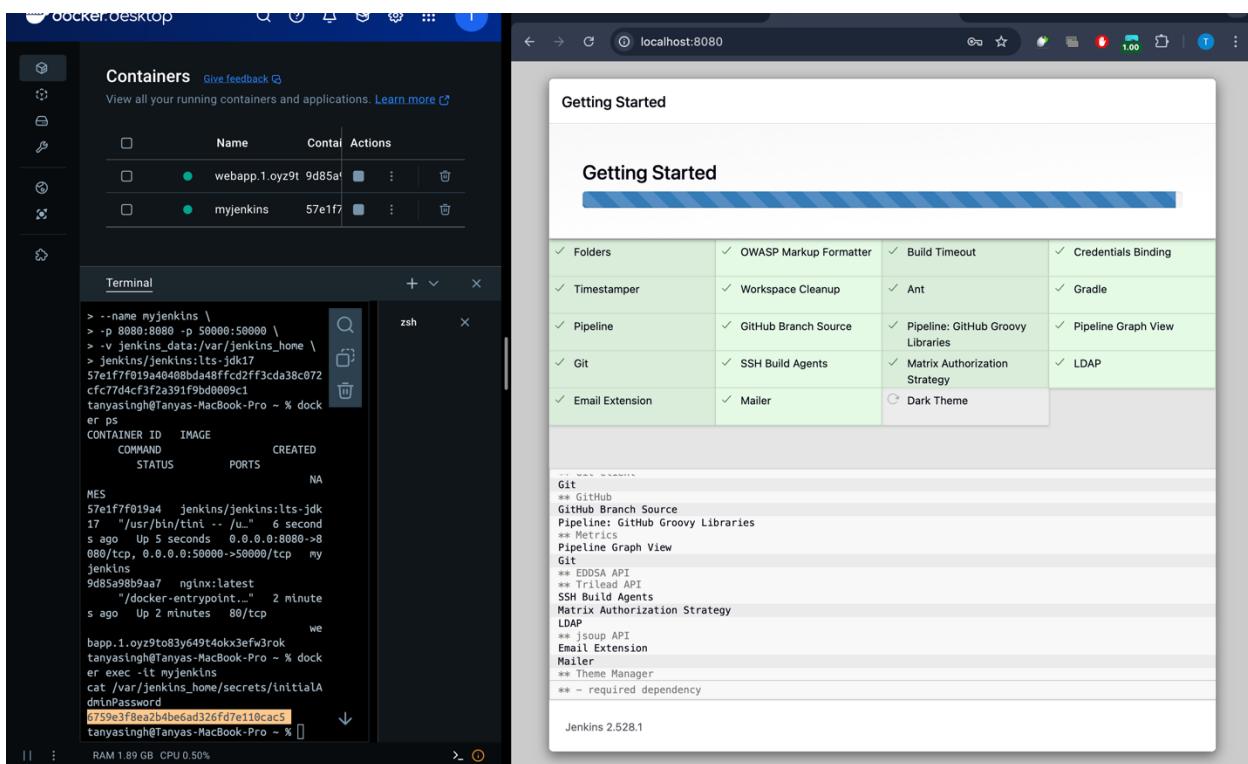


Both the images are installing all the required plugins after opening <http://localhost:8080>:



The screenshot shows two windows side-by-side. On the left is the Docker Desktop interface, displaying a list of running containers named 'webapp.1.oyz9t' and 'myjenkins'. Below the container list is a terminal window showing the command used to start the Jenkins container. On the right is a web browser window titled 'Getting Started' with the heading 'Create First Admin User'. It contains fields for 'Username' (filled with 'Kyo'), 'Password' (filled with '*****'), 'Confirm password' (filled with '*****'), 'Full name' (filled with 'Kyo'), and 'E-mail address' (filled with 'tanyaeco13@gmail.com'). At the bottom of the form are buttons for 'Skip and continue as admin' and 'Save and Continue'.

Set your username and password then click on save and continue, you'll see the Jenkins dashboard:

The screenshot shows two windows side-by-side. On the left is the Docker Desktop interface, identical to the previous screenshot. On the right is a web browser window titled 'Jenkins' showing the Jenkins dashboard. The dashboard includes sections for 'New Item', 'Build History', 'Build Queue' (which says 'No builds in the queue.'), 'Build Executor Status' (which says '0/2'), and a 'Welcome to Jenkins!' message. Below the welcome message is a section for 'Start building your software project' with options for 'Create a job', 'Set up a distributed build', 'Set up an agent', 'Configure a cloud', and 'Learn more about distributed builds'. At the bottom of the dashboard are links for 'REST API' and 'Jenkins 2.528.1'.

The Docker Desktop interface shows two containers running: `webapp.1.oyz9t` and `myjenkins`. A terminal window displays Jenkins setup commands:

```
> --name myjenkins \
> -p 8080:8080 -p 50000:50000 \
> -v jenkins_data:/var/jenkins_home \
> jenkins/jenkins:lts-jdk17
57e1f7f019a4e0408bdad48fcda2ff3cd38c072
cfc774cf3f2a391fb9d0009c1
tanyasingh@Tanyas-MacBook-Pro ~ % dock
er ps
CONTAINER ID IMAGE
COMMAND STATUS PORTS CREATED NA
MES
57e1f7f019a4 jenkins/jenkins:lts-jdk
17 "/usr/bin/tini -- /u..." 6 second
s ago Up 5 seconds 0.0.0.0:8080->8
080/tcp, 0.0.0.0:50000->50000/tcp my
jenkins
9d85a98b9aa7 nginx:latest
"docker-entrypoint..." 2 minute
s ago Up 2 minutes 80/tcp
we
bapp.1.oyz9t083y649t4okx3efw3rok
tanyasingh@Tanyas-MacBook-Pro ~ % dock
er exec -it myjenkins
cat /var/jenkins_home/secrets/initialA
dminPassword
6759e3f8ea2babe6ad326fd7de110cac5
tanyasingh@Tanyas-MacBook-Pro ~ %
```

The Jenkins browser window shows the 'New Item' creation process. The item name is set to `test-item`. The item type is selected as `Freestyle project`.

Select New Item then set its name (eg: test-item). Select Freestyle Project then scroll down click on add build, then write a command, save and click on Build :

The Docker Desktop interface shows the same two containers. The Jenkins configuration screen for the `test-item` job is shown, with the `Execute shell` build step defined:

```
echo "Hello Kyo, this proves persistence!"
```

The Docker Desktop terminal window shows the same Jenkins setup commands as before.

The screenshot shows the Docker Desktop interface. On the left, the 'Containers' section lists two containers: 'webapp.1.oyz9t' and 'myjenkins'. The 'Terminal' pane shows a terminal session where a Jenkins job named 'test-item' is being built. The build log indicates it started at 7:00:48 AM on Nov 4, 2025, and completed successfully. The Jenkins UI on the right shows the build status as green, with a summary of the run's duration and a note that there were no changes.

My first build worked so it's showing green tick if it has an error, it'll show red cross and you can view the error through Console Output :

This screenshot shows the Docker Desktop interface again. The 'Containers' section lists the same two containers. The 'Terminal' pane shows a terminal session where a Jenkins job is being built. The Jenkins UI on the right shows the build status as green, indicating success. The 'Console Output' tab is selected, displaying the full build log, which includes the command to create a Jenkins workspace and the execution of a Jenkins job named 'test-item'.

Docker Desktop PERSONAL

Containers Give feedback ↗

View all your running containers and applications. Learn more ↗

Container CPU usage ⓘ Container memory usage ⓘ Show charts

0.14% / 1000% (10 CPUs available) 438.59MB / 7.47GB

Search Only running

	Name	Container ID	Image	Port(s)	CPU	Actions
●	webapp.1.oyz9t	9d85a98b9aa7	nginx:latest	50000:50000 ↴	0	⋮ ⚡ ⚡
●	myjenkins	57e1f7f019a4	jenkins/jen	Show all ports (2)	0	⋮ ⚡ ⚡

Terminal

```

> -v jenkins_data:/var/jenkins_home \
> jenkins/jenkins:lts-jdk17
57e1f7f019a4@Tanyas-MacBook-Pro ~ % docker ps
CONTAINER ID IMAGE COMMAND CREATED NAMES
STATUS PORTS
57e1f7f019a4 jenkins/jenkins:lts-jdk17 "/usr/bin/tini -- /u..." 6 seconds ago Up 5 seconds 0.0.0.0:8080->8080/tcp, 0.0.0.0:50000->50000/tcp myjenkins
ins
9d85a98b9aa7 nginx:latest "/dock... 2 minutes ago Up 2 minutes 80/tcp webapp
.1.oyz9t083y649t4okx3efw3rok
tanyasingh@Tanyas-MacBook-Pro ~ % docker exec -it myjenkins
cat /var/jenkins_home/secrets/initialAdminPassword
6759e3f0ea2b4be6ad326fd7e110cac5
tanyasingh@Tanyas-MacBook-Pro ~ % dock
er stop myjenkins
myjenkins
tanyasingh@Tanyas-MacBook-Pro ~ % dock
er start myjenkins
myjenkins

```

RAM 1.75 GB CPU 0.30% Disk: 22.91 GB used (limit 1006.85 GB)

localhost:8080/j... #1 Console Output

Status Changes

Console Output

Edit Build Information Delete build '#1' Timings

Console Output

Download Copy View as plain text

Started by user Kyo
Running as SYSTEM
Building in workspace
/var/jenkins_home/workspace/test-item
[test-item] \$ /bin/sh -xe
/tmp/jenkins17768008482887671748.sh
+ echo Hello Kyo, this proves persistence!
Hello Kyo, this proves persistence!
Finished: SUCCESS

Here you can see I stopped and then restarted the container then also the data is still there (exists/persists).