

# TASK 1

**Step 1:** Open Jenkins and click "**New Item.**"

**Step 2:** Enter a project name and select "**Freestyle Project,**" then click **OK.**

**Step 3:** In the **General** tab, scroll down to the "**Build**" section.

**Step 4:** Click "**Add build step**" → "**Execute shell.**"

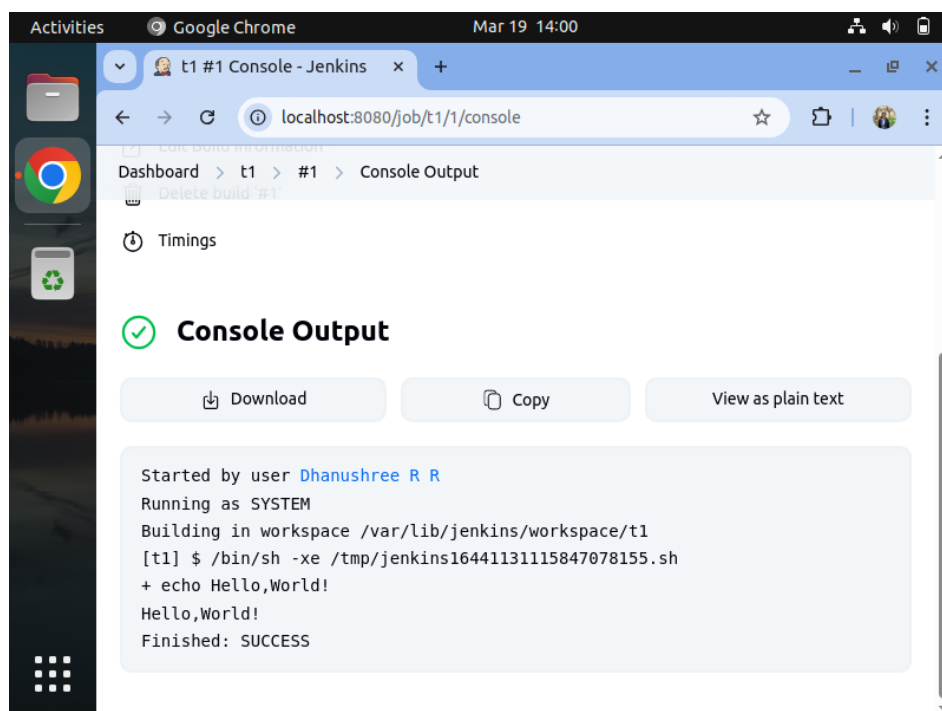
**Step 5:** Enter your shell commands in the provided text box.

**Step 6:** Click "**Save**" to apply the changes.

**Step 7:** On the project page, click "**Build Now**" to start the job.

**Step 8:** The build status will appear in the **Build History** (left-side panel).

**Step 9:** Click on the latest build (#1, #2, etc.) and select "**Console Output**" to view logs and results.



**Command:**

echo "Hello, World!"

# TASK 1

Activities Google Chrome Mar 19 14:13

t1 #4 Console - Jenkins

localhost:8080/job/t1/4/console

Jenkins Dhanushree R R log out

Dashboard > t1 > #4 > Console Output

Status Changes Console Output Edit Build Information Delete build '#4' Timings Previous Build

**Console Output** Download Copy View as plain text

```
Started by user Dhanushree R R
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/t1
[t1] $ /bin/bash /tmp/jenkins3867661924467836531.sh

WARNING: apt does not have a stable CLI interface. Use with caution in
scripts.

Hit:1 https://download.docker.com/linux/ubuntu jammy InRelease
Ign:2 https://pkg.jenkins.io/debian binary/ InRelease
Hit:3 https://pkg.jenkins.io/debian binary/ Release
Hit:4 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:5 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Hit:8 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:9 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease
Reading package lists...
Building dependency tree...
Reading state information...
556 packages can be upgraded. Run 'apt list --upgradable' to see them.

WARNING: apt does not have a stable CLI interface. Use with caution in
scripts.
```

Activities Google Chrome Mar 19 14:04

t1 #2 Console - Jenkins

localhost:8080/job/t1/2/console

Jenkins Dhanushree R R log out

Dashboard > t1 > #2 > Console Output

Get:22 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 DEP-11 Metadata [359 kB]  
Get:23 http://in.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 DEP-11 Metadata [940 B]  
Get:24 http://in.archive.ubuntu.com/ubuntu jammy-backports/main amd64 DEP-11 Metadata [7,908 B]  
Get:25 http://in.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 DEP-11 Metadata [212 B]  
Get:26 http://in.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 DEP-11 Metadata [17.7 kB]  
Get:27 http://in.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 DEP-11 Metadata [212 B]  
Fetched 6,225 kB in 7s (877 kB/s)  
Reading package lists...  
Building dependency tree...  
Reading state information...  
556 packages can be upgraded. Run 'apt list --upgradable' to see them.

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

Reading package lists...  
Building dependency tree...  
Reading state information...  
nginx is already the newest version (1.18.0-6ubuntu14.6).  
0 upgraded, 0 newly installed, 0 to remove and 556 not upgraded.  
Synchronizing state of nginx.service with SysV service script with /lib/systemd/systemd-sysv-install.  
Executing: /lib/systemd/systemd-sysv-install enable nginx  
Nginx installation completed  
Finished: SUCCESS

# TASK 1

## Command:

```
#!/bin/bash
```

```
sudo apt update
```

```
sudo apt install -y nginx
```

```
sudo systemctl start nginx
```

```
sudo systemctl enable nginx
```

```
echo "Nginx installation completed!"
```