

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.**"

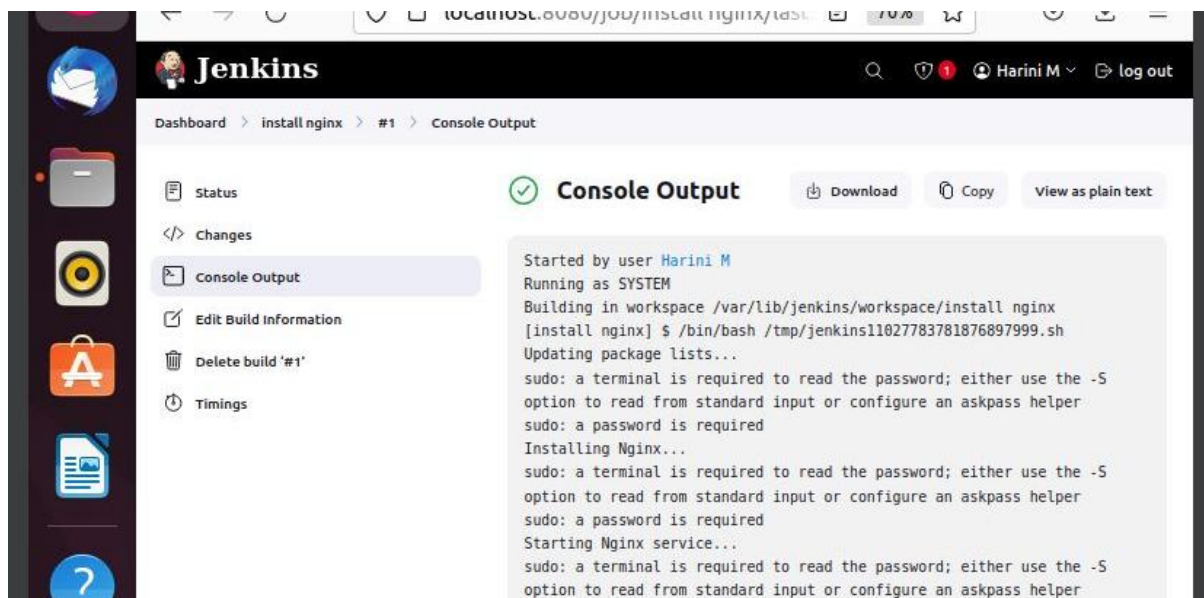
Step 5: Enter your shell commands in the provided text box.

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).

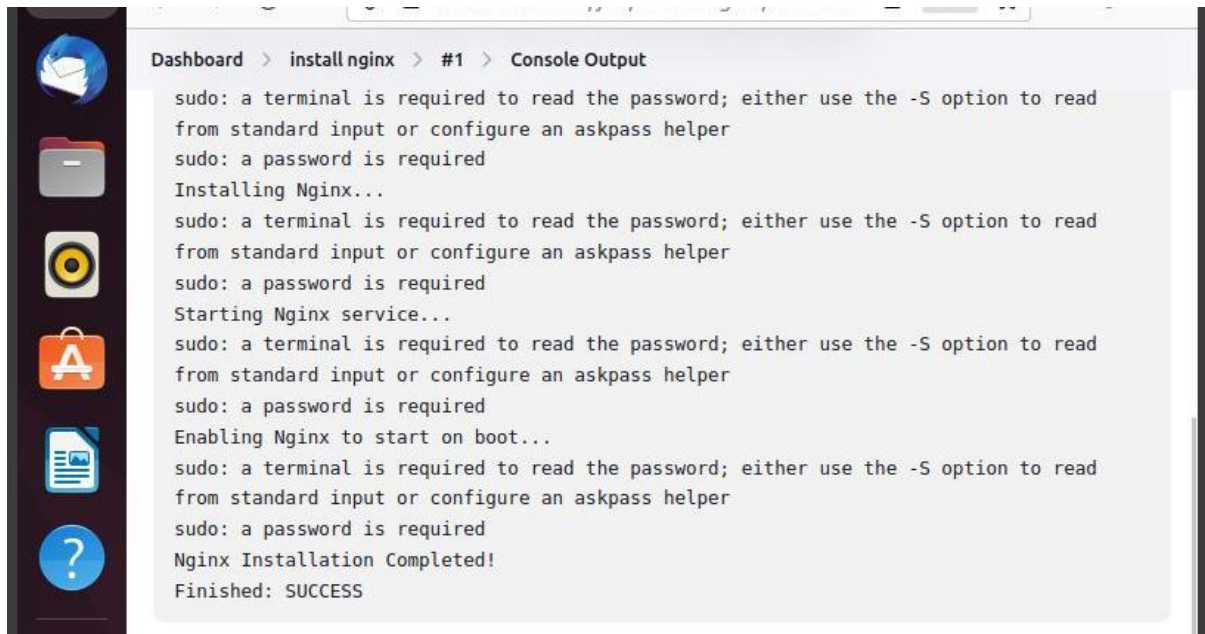
Step 9: Click on the latest build (#1, #2, etc.) and select "**Console Output**" to view logs and results.



Command:

echo "Hello, World!"

TASK 1

A terminal window with a dark background and a sidebar on the left containing icons for various applications. The terminal output shows the installation of Nginx using 'sudo'. It includes prompts for passwords and status messages like 'Installing Nginx...', 'Starting Nginx service...', and 'Enabling Nginx to start on boot...'. The installation concludes with 'Nginx Installation Completed!' and 'Finished: SUCCESS'.

```
Dashboard > install nginx > #1 > Console Output

sudo: a terminal is required to read the password; either use the -S option to read
from standard input or configure an askpass helper
sudo: a password is required
Installing Nginx...
sudo: a terminal is required to read the password; either use the -S option to read
from standard input or configure an askpass helper
sudo: a password is required
Starting Nginx service...
sudo: a terminal is required to read the password; either use the -S option to read
from standard input or configure an askpass helper
sudo: a password is required
Enabling Nginx to start on boot...
sudo: a terminal is required to read the password; either use the -S option to read
from standard input or configure an askpass helper
sudo: a password is required
Nginx Installation Completed!
Finished: SUCCESS
```

Command:

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

```
sudo apt update
```

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

```
sudo systemctl start nginx
```

```
sudo systemctl enable nginx
```

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