

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.**"

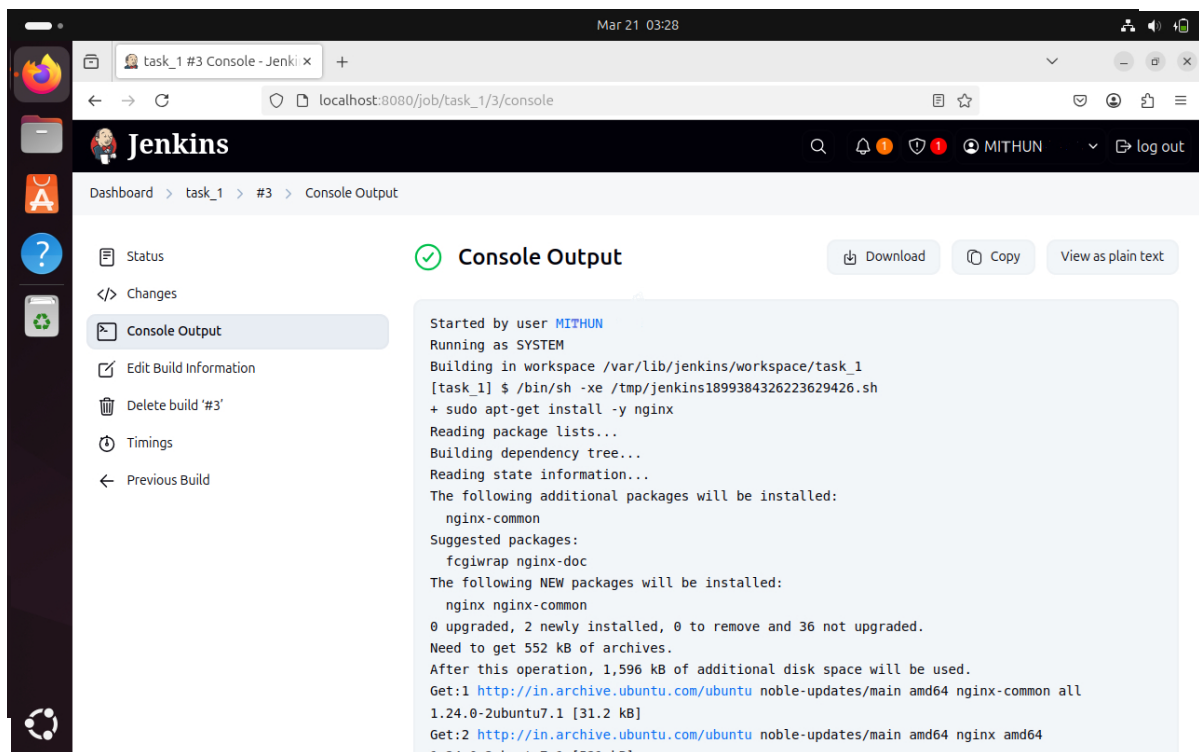
Step 5: Enter your shell commands in the provided text box.

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).

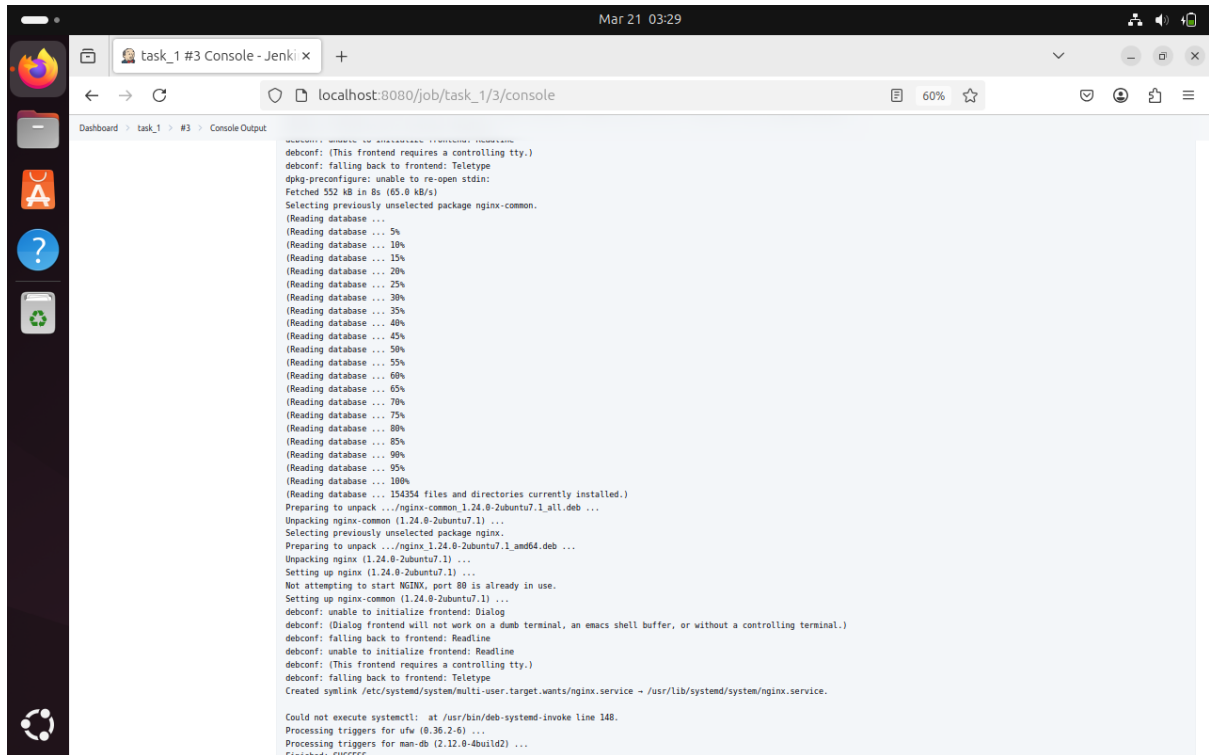
Step 9: Click on the latest build (#1, #2, etc.) and select "**Console Output**" to view logs and results.



TASK 1

Command:

echo "Hello, World!"

A screenshot of a web browser window. The address bar shows 'localhost:8080/job/task_1/3/console'. The page content is a terminal window titled 'task_1 #3 Console - Jenkins'. The terminal output shows the installation of nginx on a Ubuntu system. It starts with 'debconf: (This frontend requires a controlling tty.)', followed by 'dpkg-preconfigure: unable to re-open stdin:'. It then shows the fetching of the nginx-common package (552 kB) and the selection of previously unselected packages. The terminal displays progress bars for reading the database (5% to 100%) and unpacking the packages. It then shows the setting up of nginx (1.24.0-2ubuntu7.1) and the creation of a symlink for the nginx.service. The output ends with 'Finished: QHFF55'.

Command:

#!/bin/bash

sudo apt update

sudo apt install -y nginx

sudo systemctl start nginx

sudo systemctl enable nginx

echo "Nginx installation completed!"