

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

itput

🔍 🔔 1 👤 Krishnasamy ▾ ➡ log out

itput

✔ Console Output

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```
Started by user Krishnasamy
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/task1
[task1] $ /bin/sh -xe /tmp/jenkins2501617034731731712.sh
+ sudo apt update

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

Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://in.archive.ubuntu.com/ubuntu noble InRelease
Hit:3 https://download.docker.com/linux/ubuntu noble InRelease
Ign:4 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:5 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:6 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:7 http://in.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:9 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists...
Building dependency tree...
Reading state information...
13 packages can be upgraded. Run 'apt list --upgradable' to see them.
+ sudo apt install -y nginx

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

Reading package lists...
Building dependency tree...
Reading state information...
The following packages were automatically installed and are no longer required:
  linux-headers-6.8.0-51 linux-headers-6.8.0-51-generic
  linux-image-6.8.0-51-generic linux-modules-6.8.0-51-generic
  linux-modules-extra-6.8.0-51-generic linux-tools-6.8.0-51
  linux-tools-6.8.0-51-generic
```

Command:

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

```
sudo apt update
```

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

```
sudo systemctl start nginx
```

```
sudo systemctl enable nginx
```

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