

TASK 1

1. Open Jenkins

- Go to `http://your-jenkins-server:8080`
- Log in with your credentials.

2. Create a New Job

- Click "New Item"
- Enter Job Name (e.g., `Install_NGINX`)
- Select "Freestyle project"
- Click OK

3. Configure Build Steps

- Scroll to Build → Click "Add build step" → Select "Execute shell"
- Paste the following script:

```
sudo apt update -y
```

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

```
sudo systemctl start nginx
```

```
sudo systemctl enable nginx
```

```
echo "NGINX Installed Successfully"
```

4. Save and Run

- Click Save
- Click "Build Now"

5. Verify Installation

- Open Ubuntu VM and run:

The screenshot shows a Firefox Web Browser window with the address bar displaying `localhost:8080/job/Install_NGINX/1/console`. The browser tabs include "Install_NGINX #1", "devops/jenkinsfile", and "Gemini". The page title is "Install_NGINX #1 Console Output". The left sidebar contains links to "Dashboard", "Install_NGINX", "#1", and "Console Output". The main content area is titled "Console Output" and shows the following text:

```
Started by user Ashwin V
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/Install_NGINX
[Install_NGINX] $ /bin/sh -xe /tmp/jenkins5369095738426975314.sh
[Install_NGINX] $ /bin/sh -xe /tmp/jenkins12989765560761639354.sh
Finished: SUCCESS
```

At the bottom of the browser window, the address bar shows `localhost:8080/job/Install_NGINX/1/console` and the status bar displays "REST API" and "Jenkins 2.501".