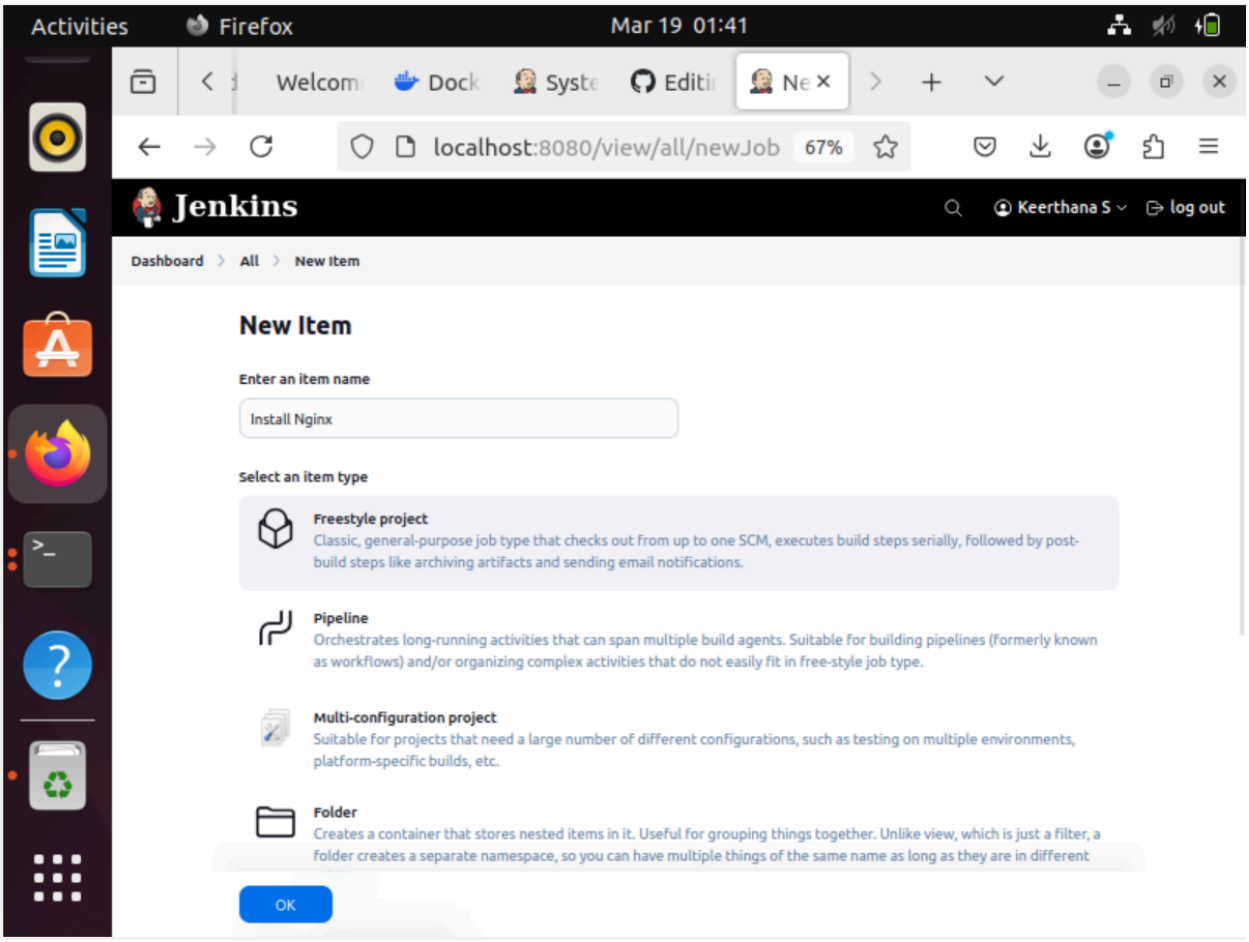
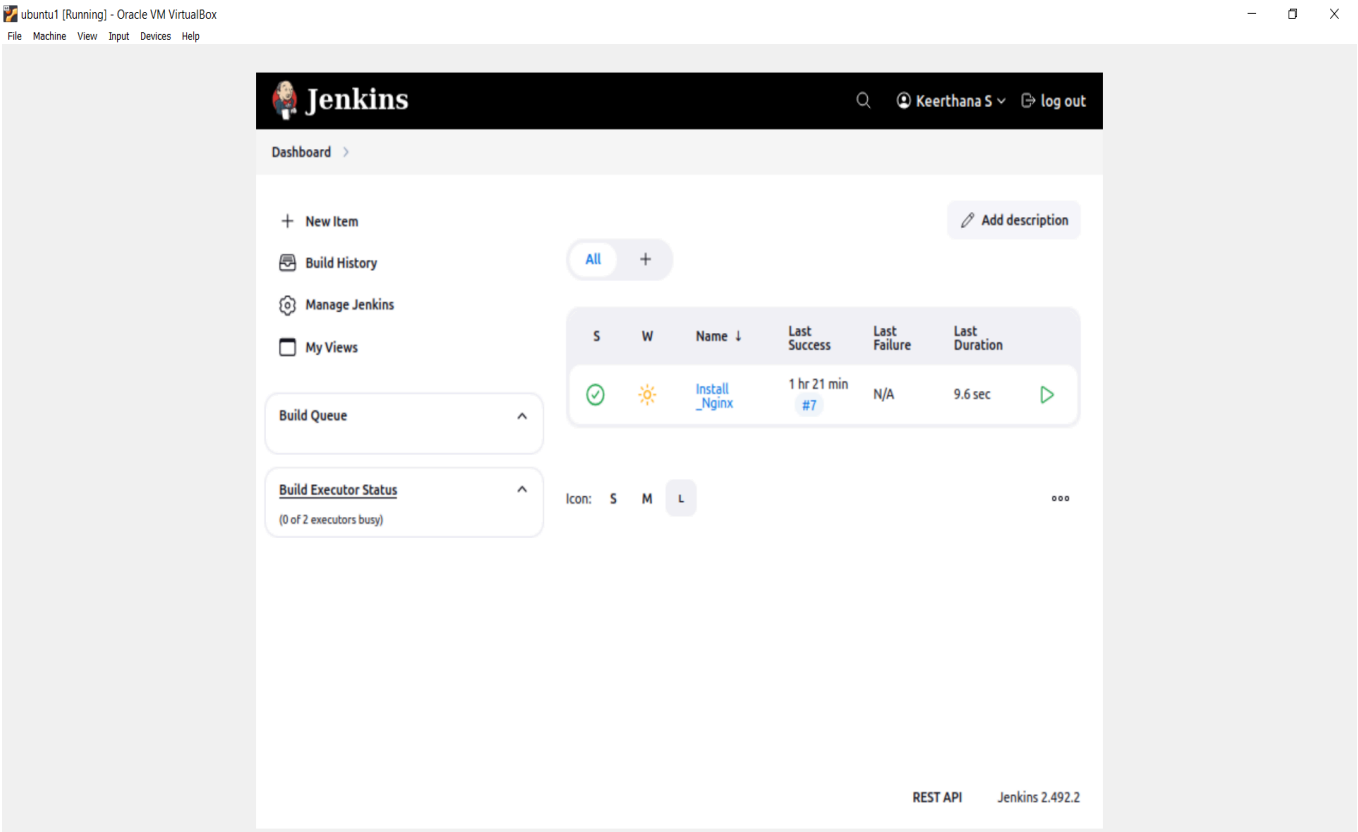
Task -1

Task Explanation: Create a simple FreeStyle Job To Install Nginx on your server (tools: jenkins, ubuntu vm)

1. **Login to Jenkins UI**
2. **Click on "New Item".**
3. **Enter a job name (e.g., Install_Nginx).**
4. **Select Freestyle Project**
5. **Click OK.**



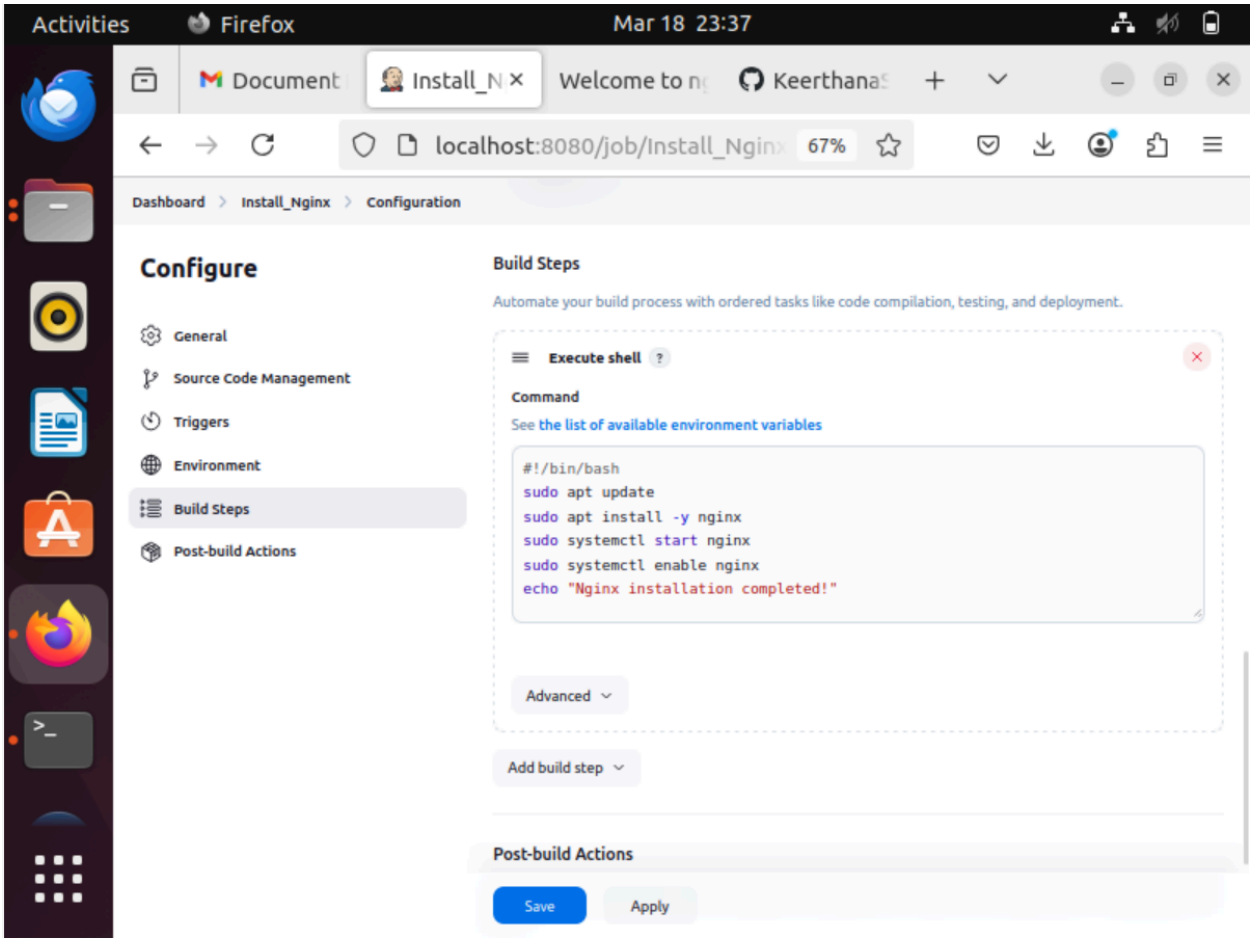


- Scroll down and select "Build Steps" option
- Click "Add build step"
- Select "Execute shell".

- Write the following script:

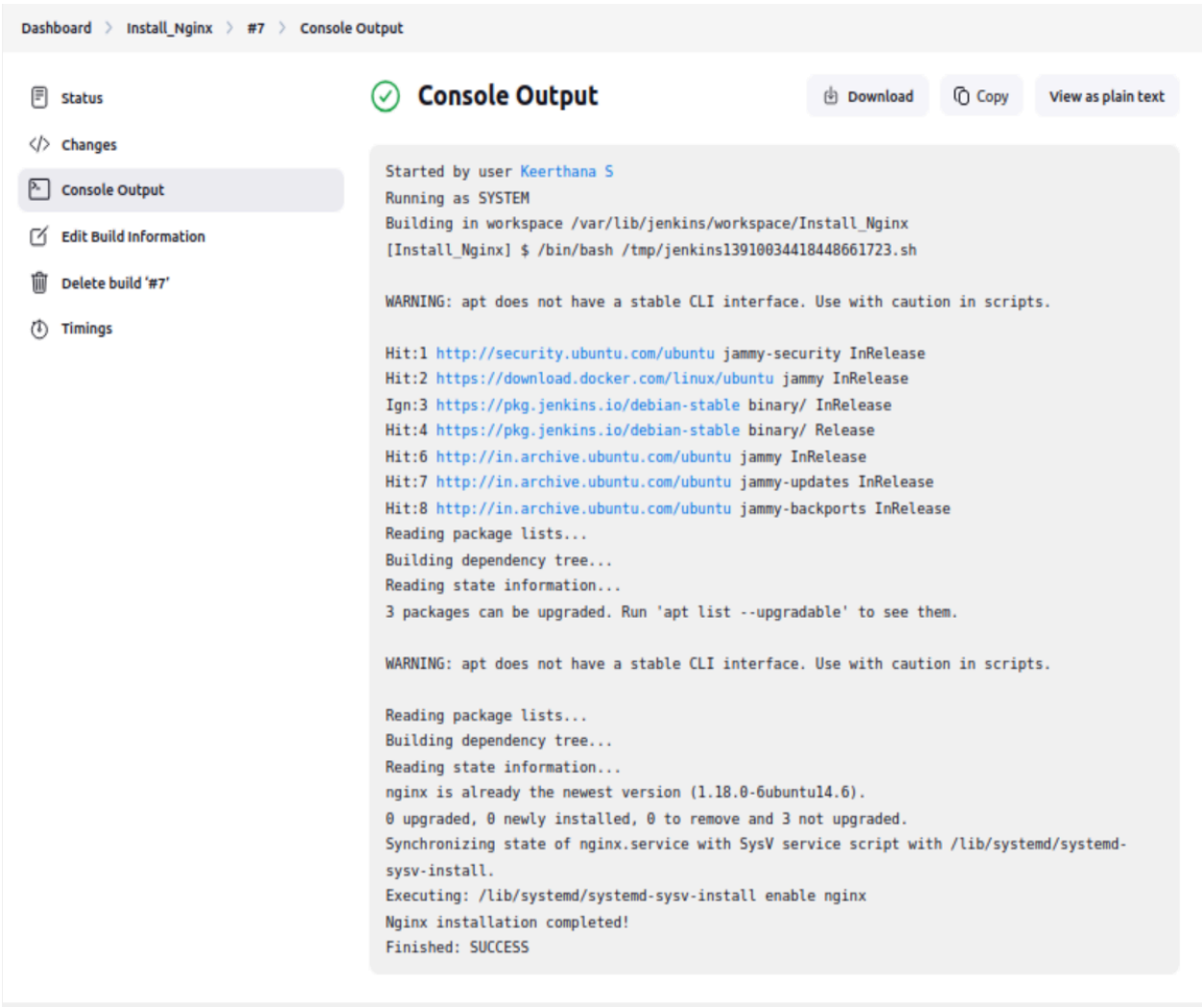
```
#!/bin/bash
sudo apt update
sudo apt install -y nginx
sudo systemctl start nginx
sudo systemctl enable nginx
echo "Nginx installation completed!"
```

- Save the job.


Activities
Firefox
Mar 18 23:37
Document
Install_N
Welcome to n
Keerthana
localhost:8080/job/Install_Ngin
67%
Dashboard
Install_Nginx
Configuration
Configure
General
Source Code Management
Triggers
Environment
Build Steps
Post-build Actions
Build Steps
Automate your build process with ordered tasks like code compilation, testing, and deployment.
Execute shell
Command
See the list of available environment variables
#!/bin/bash
sudo apt update
sudo apt install -y nginx
sudo systemctl start nginx
sudo systemctl enable nginx
echo "Nginx installation completed!"
Advanced
Add build step
Post-build Actions
Save
Apply

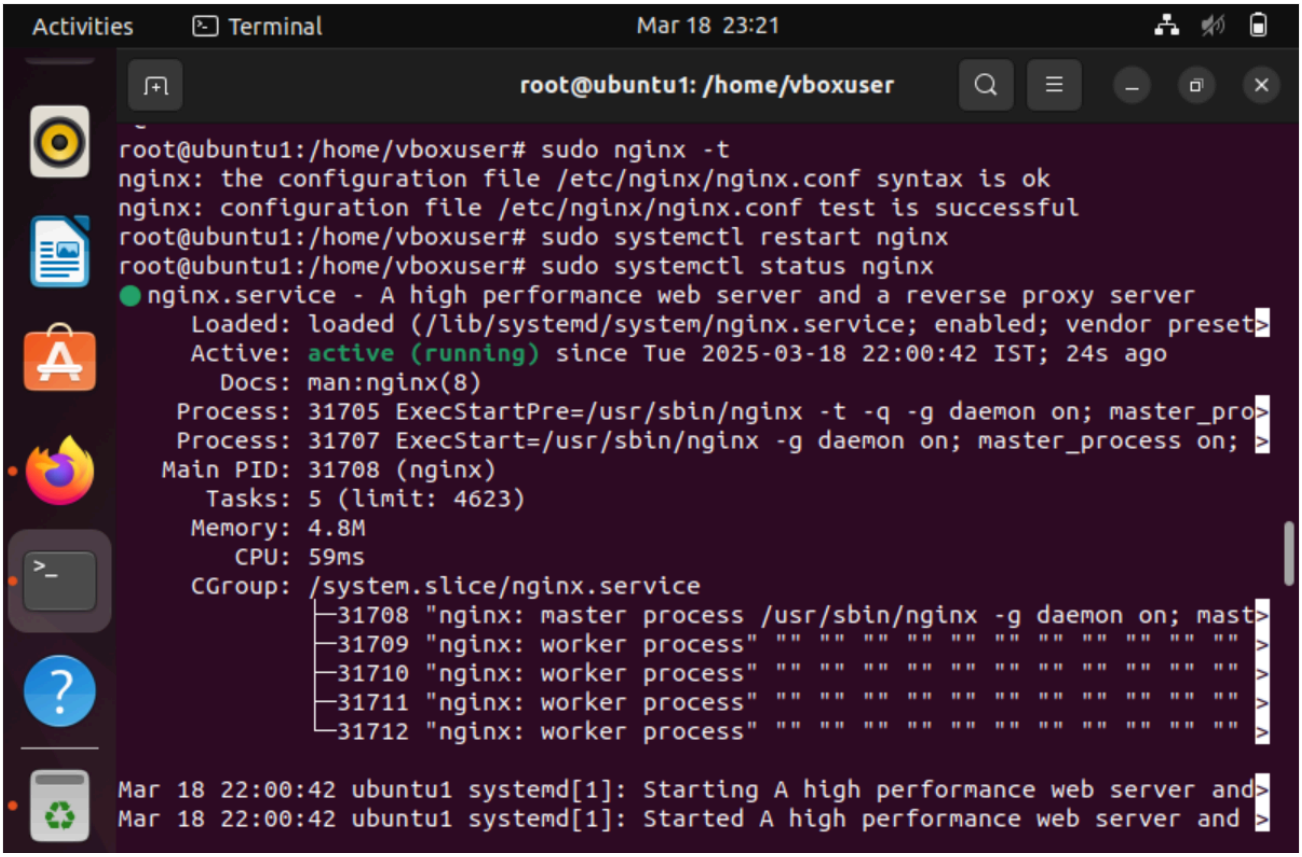
6.Run the Job

- Click "Build Now".
- Monitor the build logs on Console Output
-



7.Verify Nginx Installation

- Check Nginx status



- Verify by opening the browser
- Navigate to http://10.0.2.15
- The Nginx welcome page should be visible