# TASK 1 – NGINX USING JENKINS

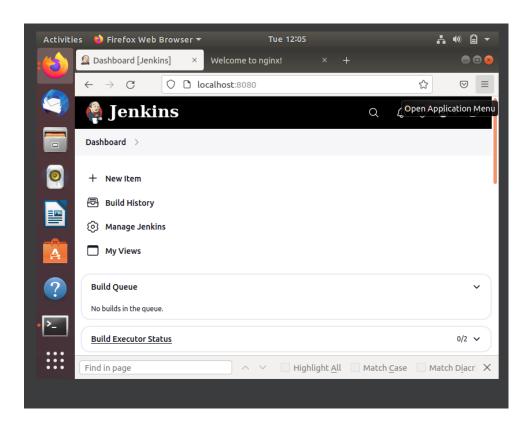
#### Step 1: Installing Java and Jenkins

Install java -17 and then install the jenkins

```
sudo apt install fontconfig openjdk-17-jre
java -version
openjdk version "17.0.13" 2024-10-15
OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)
OpenJDK 64-Bit Server VM (build 17.0.13+11-Debian-2, mixed mode, sharing)
[sudo] password for vishal:
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-security/main amd64 Packages [670 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-security/main Translation-en [130 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [130 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8964 B]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8964 B]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [819 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [819 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [819 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
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Get:14 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [726 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [120 B]
Get:17 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [120 B]
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Get:19 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [120 B]
Get:19 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [120 B]
Get:10 http://security.ubuntu.com/ubuntu noble-security/multiv
```

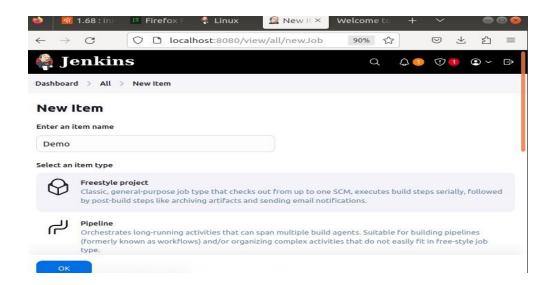
# **Step 2: Opening Jenkins**

Go to localhost:8080 and open jenkins and install the suggested plugins



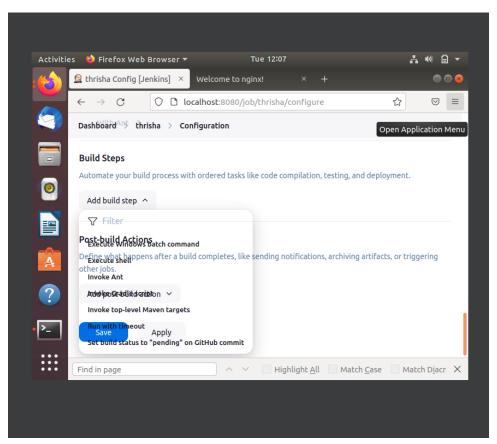
### Step 3:Creating an item

Enter the name of the item and select freestyle project



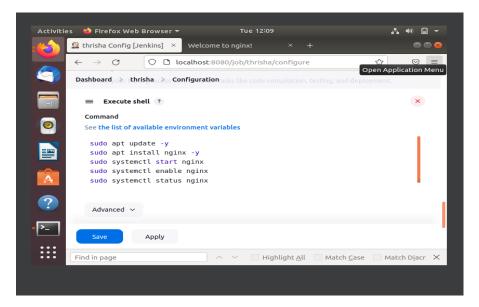
### **Step 4:Creating build steps**

Click on add build steps and select execute shell



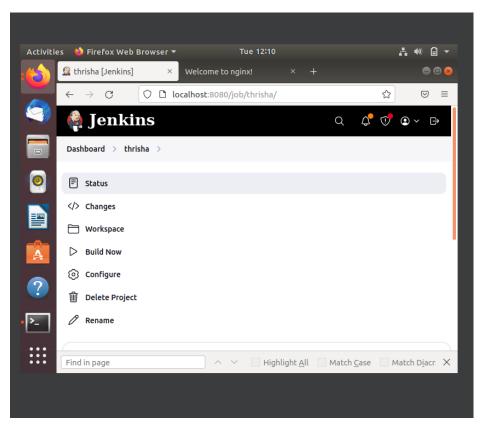
### Step 5: Nginx installation

Enter the code for installing nginx



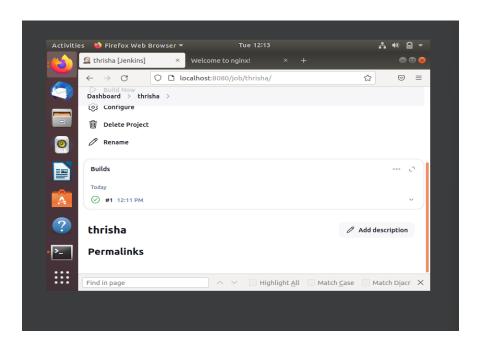
# **Step 6: Build Now**

Click on build now and wait for it to get executed



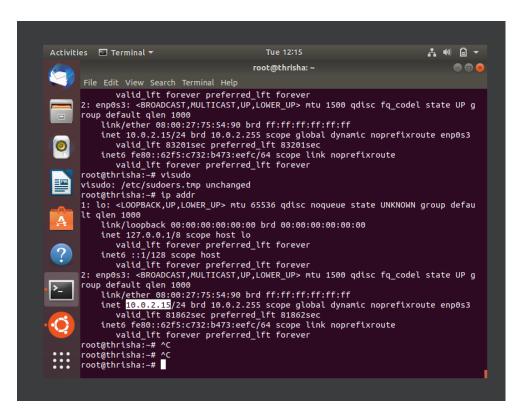
# **Step 7: Build completion**

The build is now created



#### Step 8: Localhost

Get the localhost from the code paste it in the browser



#### Step 9:Output

The output is displayed at the localhost page

