

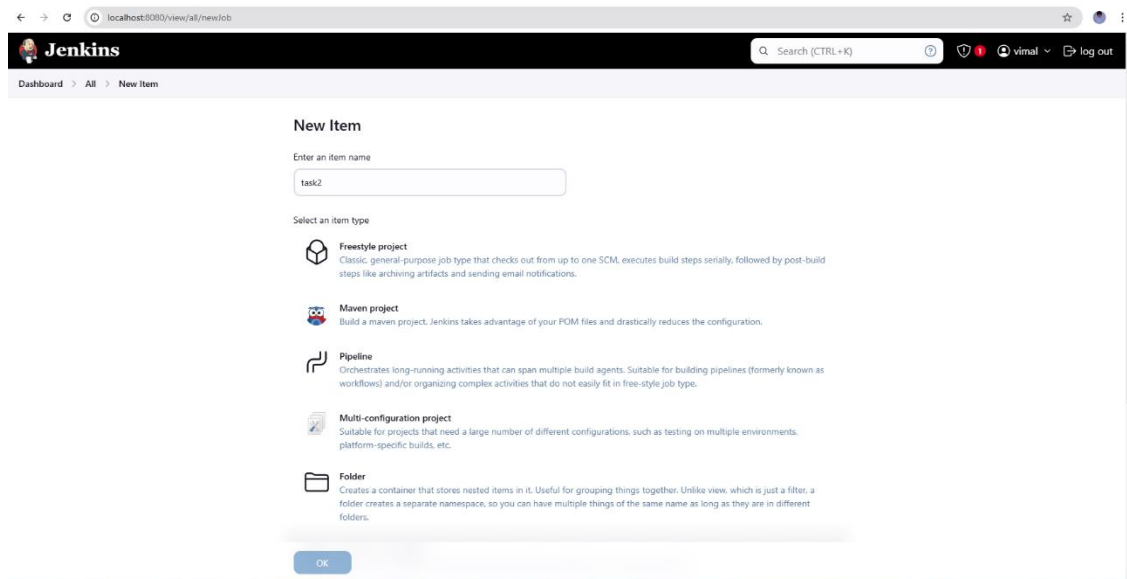
TASK 1

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

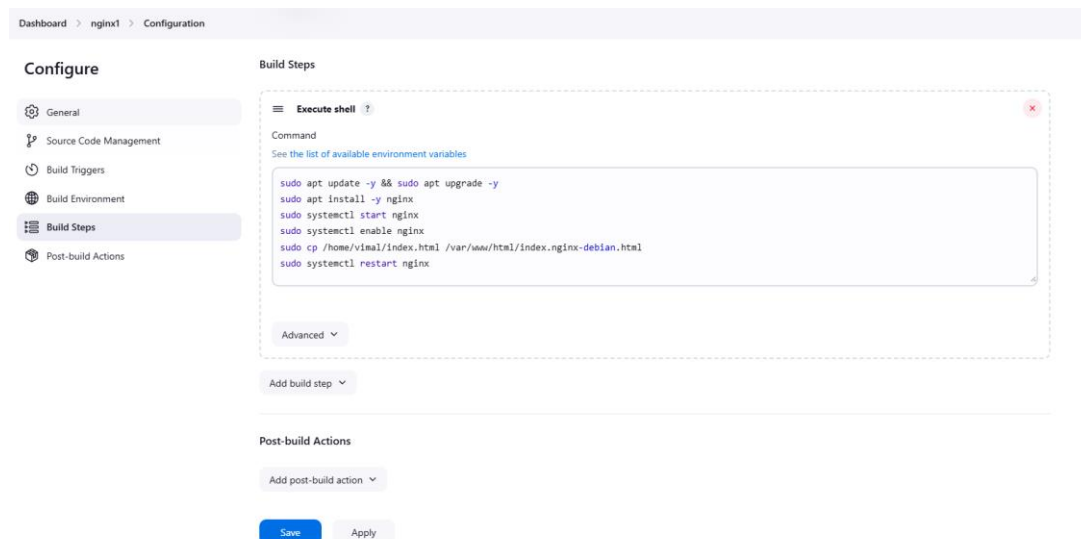
1.Create a Jenkins job to install Nginx:

Open Jenkins Dashboard

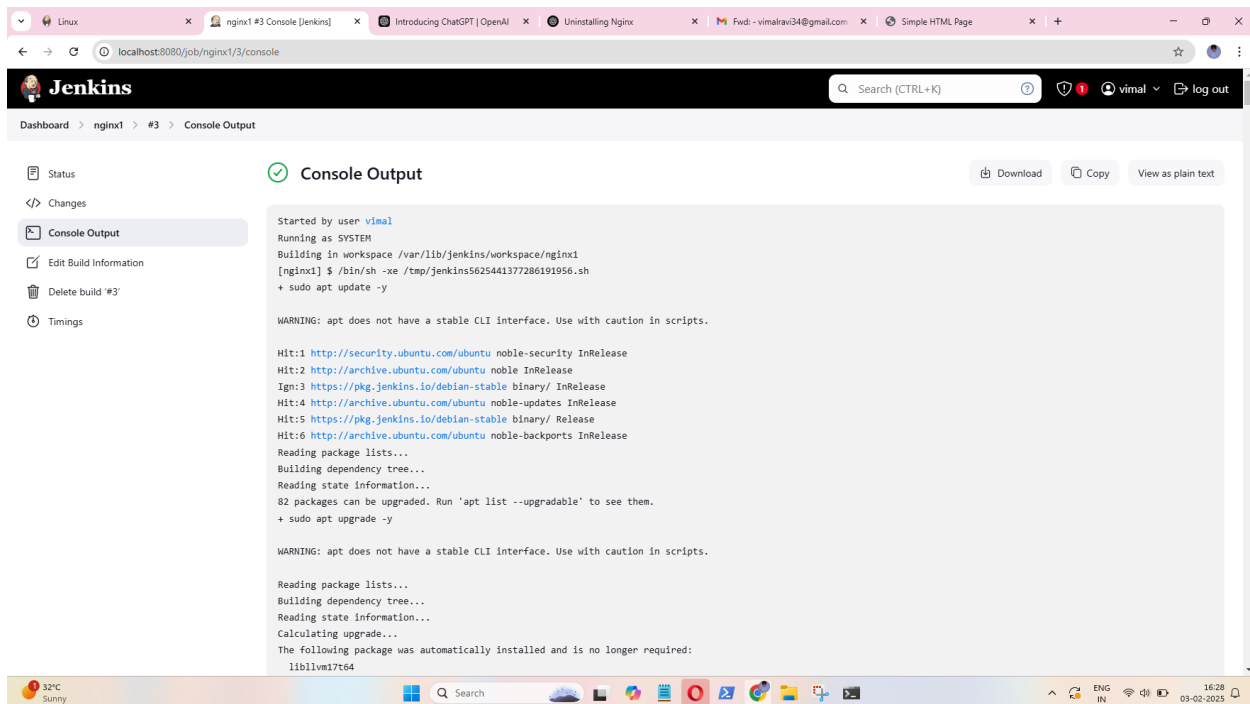
Click new item -> Name of the Task -> Choose Freestyle project -> ok



2.installing nginx in ubuntu through Jenkins



3.output in console:



The screenshot shows the Jenkins web interface for job 'nginx1'. The 'Console Output' tab is selected, displaying the following text:

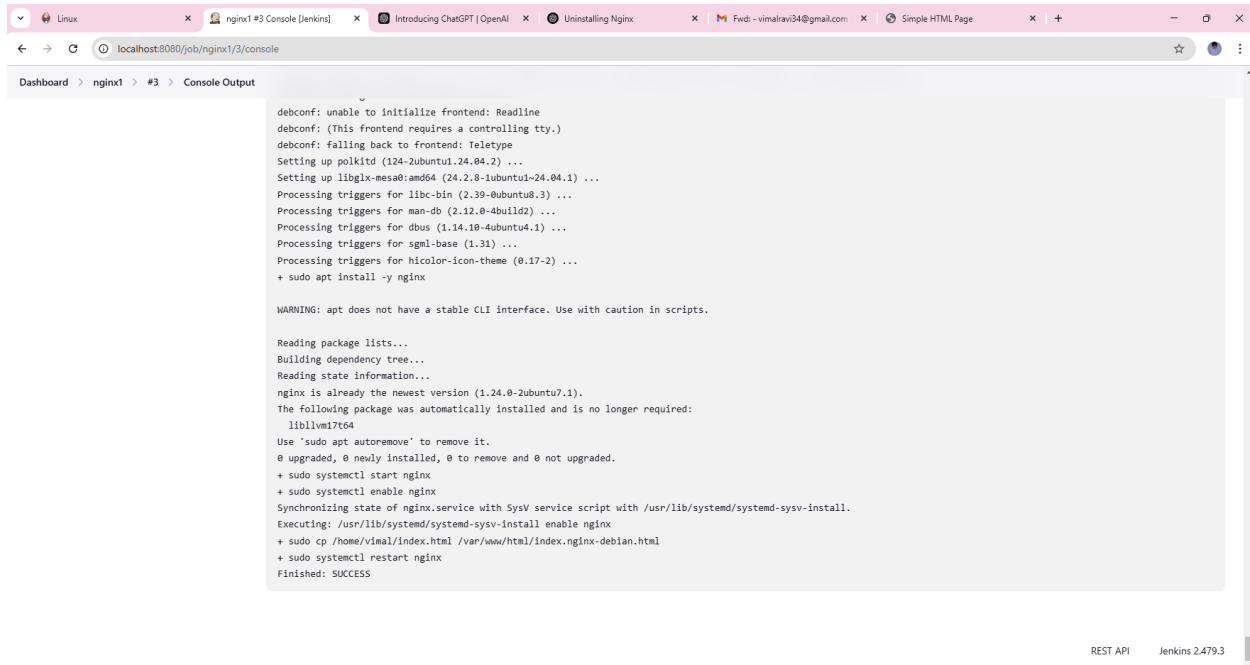
```
Started by user vimal
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/nginx1
[nginx1] $ /bin/sh -xe /tmp/jenkins5625441377286191956.sh
+ sudo apt update -y

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://archive.ubuntu.com/ubuntu noble InRelease
Ign:3 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:6 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists...
Building dependency tree...
Reading state information...
82 packages can be upgraded. Run 'apt list --upgradable' to see them.
+ sudo apt upgrade -y

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

Reading package lists...
Building dependency tree...
Reading state information...
Calculating upgrade...
The following package was automatically installed and is no longer required:
  liblvm1764
```



The screenshot continues the Jenkins console output from the previous one, showing the installation and configuration of nginx:

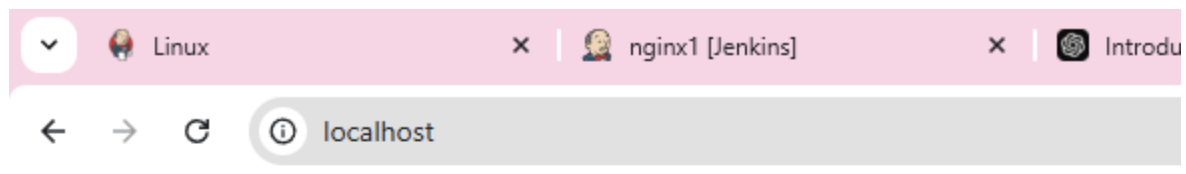
```
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
Setting up polkitd (124-2ubuntu1.24.04.2) ...
Setting up liblxl-mesa0:amd64 (24.2.8-1ubuntu1-24.04.1) ...
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for dbus (1.14.10-4ubuntu4.1) ...
Processing triggers for sgml-base (1.31) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
+ 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...
nginx is already the newest version (1.24.0-2ubuntu7.1).
The following package was automatically installed and is no longer required:
  liblvm1764
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
+ sudo systemctl start nginx
+ sudo systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx
+ sudo cp /home/vimal/index.html /var/www/html/index.nginx-debian.html
+ sudo systemctl restart nginx
Finished: SUCCESS
```

At the bottom right of the Jenkins interface, the text 'REST API Jenkins 2.479.3' is visible.

4.output in chrome



Welcome to My Simple HTML Page!

This is a basic HTML example.

[Click here to visit Example website](#)