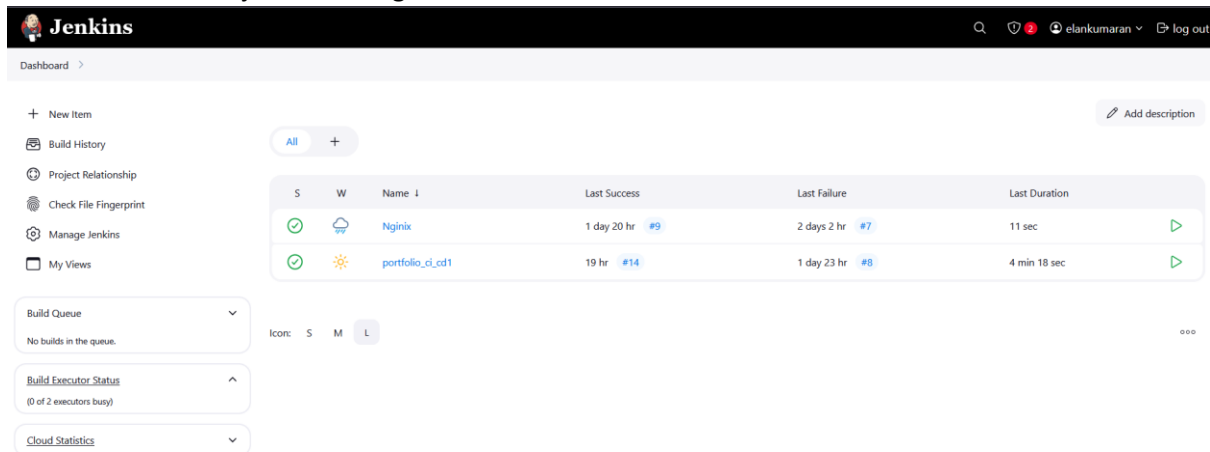


TASK1:

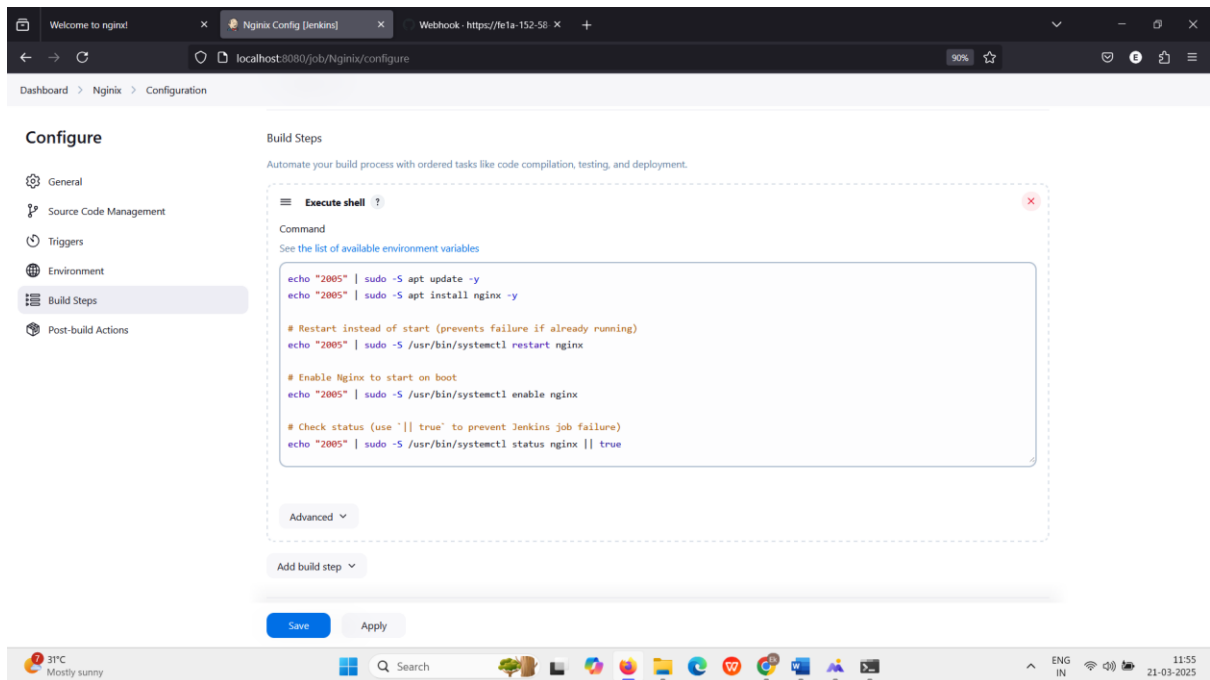
1. Created a Jenkins job named nginx



The screenshot shows the Jenkins Dashboard. On the left, there is a sidebar with navigation links: New Item, Build History, Project Relationship, Check File Fingerprint, Manage Jenkins, and My Views. Below these are three expandable sections: Build Queue (No builds in the queue), Build Executor Status (0 of 2 executors busy), and Cloud Statistics. The main area displays a table of jobs. The table has columns for S (Status), W (Webhook), Name, Last Success, Last Failure, and Last Duration. Two jobs are listed: 'Nginx' and 'portfolio_ci_cd1'. The 'Nginx' job has a status of 'Success' (green checkmark) and a last success time of '1 day 20 hr #9'. The 'portfolio_ci_cd1' job has a status of 'Success' (green checkmark) and a last success time of '19 hr #14'. There is also an 'Add description' button in the top right corner.

S	W	Name	Last Success	Last Failure	Last Duration
✓	☁	Nginx	1 day 20 hr #9	2 days 2 hr #7	11 sec
✓	☀	portfolio_ci_cd1	19 hr #14	1 day 23 hr #8	4 min 18 sec

2. write the shell command to execute when the job build



The screenshot shows the Jenkins Configuration page for the 'Nginx' job. The left sidebar has links for General, Source Code Management, Triggers, Environment, Build Steps, and Post-build Actions. The 'Build Steps' section is selected. The main area shows the 'Build Steps' configuration. There is a section for 'Execute shell' with a command box containing the following commands:

```
echo "2005" | sudo -S apt update -y
echo "2005" | sudo -S apt install nginx -y

# Restart instead of start (prevents failure if already running)
echo "2005" | sudo -S /usr/bin/systemctl restart nginx

# Enable Nginx to start on boot
echo "2005" | sudo -S /usr/bin/systemctl enable nginx

# Check status (use '|| true' to prevent Jenkins job failure)
echo "2005" | sudo -S /usr/bin/systemctl status nginx || true
```

Below the command box, there is an 'Advanced' dropdown and an 'Add build step' button. At the bottom, there are 'Save' and 'Apply' buttons.

3. Output will be run in port 80



Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.