

Devops

Assignment – 1

Step 1: Open Jenkins and click "New Item."

Step 2: Enter a project name and select "Freestyle Project," then click OK.

Step 3: In the General tab, scroll down to the "Build" section.

Step 4: Click "Add build step" → "Execute shell."

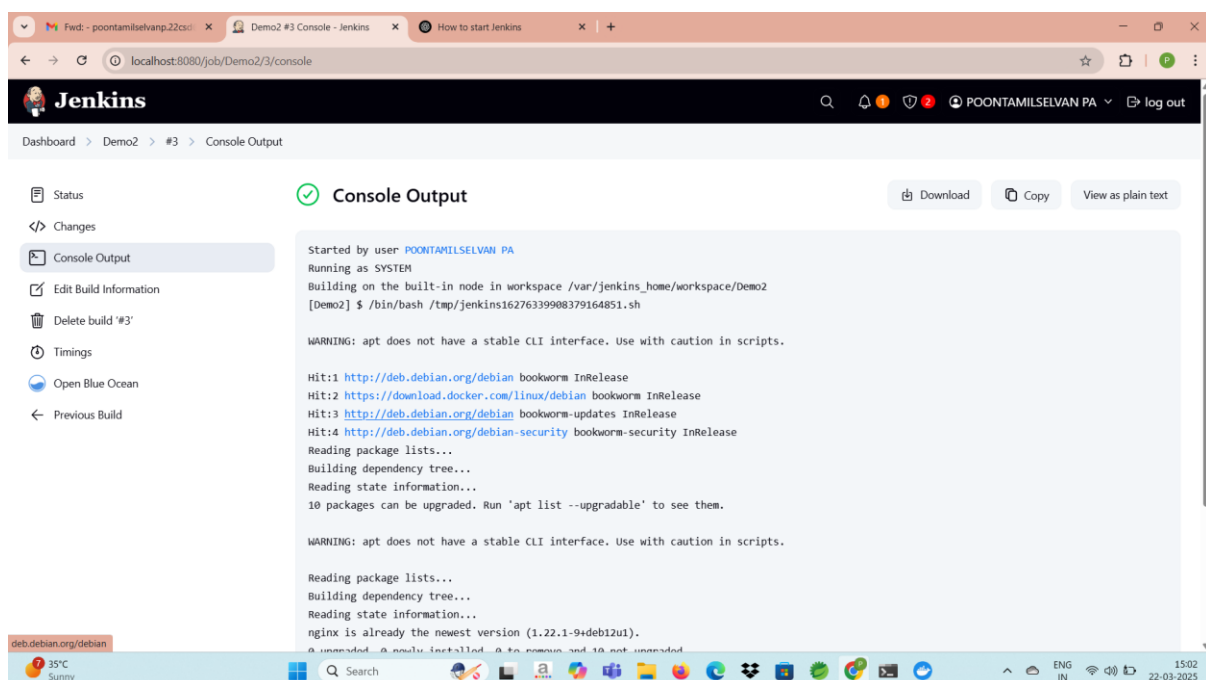
Step 5: Enter your shell commands in the provided text box.

Step 6: Click "Save" to apply the changes.

Step 7: On the project page, click "Build Now" to start the job.

Step 8: The build status will appear in the Build History (left-side panel).

Step 9: Click on the latest build (#1, #2, etc.) and select "Console Output" to view logs and results.



The screenshot shows the Jenkins web interface in a browser. The address bar indicates the URL is `localhost:8080/job/Demo2/3/console`. The Jenkins logo and user profile (POONTAMILSELVAN PA) are visible at the top. The left sidebar shows the navigation menu with options like Status, Changes, Console Output, Edit Build Information, Delete build '#3', Timings, Open Blue Ocean, and Previous Build. The main area displays the 'Console Output' for build #3, which is in a successful state (green checkmark). The output text shows the build was started by user POONTAMILSELVAN PA, running as SYSTEM. It lists the packages being installed: `bookworm InRelease`, `bookworm InRelease`, `bookworm-updates InRelease`, and `bookworm-security InRelease`. The output also shows the package lists being read, the dependency tree being built, and the state information being read. A warning message is displayed: `WARNING: apt does not have a stable CLI interface. Use with caution in scripts.` The output concludes with the message: `nginx is already the newest version (1.22.1-9deb12u1).`

Dashboard > Demo2 > #3 > Console Output

Delete build '#3'

Timings

Open Blue Ocean

Previous Build

```
[Demo2] $ /bin/bash /tmp/jenkins16276339908379164851.sh

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

Hit:1 http://deb.debian.org/debian bookworm InRelease
Hit:2 https://download.docker.com/linux/debian bookworm InRelease
Hit:3 http://deb.debian.org/debian bookworm-updates InRelease
Hit:4 http://deb.debian.org/debian-security bookworm-security InRelease
Reading package lists...
Building dependency tree...
Reading state information...
10 packages can be upgraded. Run 'apt list --upgradable' to see them.

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 (1.22.1-9+deb12u1).
0 upgraded, 0 newly installed, 0 to remove and 10 not upgraded.
sudo: systemctl: command not found
sudo: systemctl: command not found
Nginx installation completed!
Finished: SUCCESS
```

REST API Jenkins 2.498

35°C Sunny Search 15:02 22-03-2025