

TASK 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."

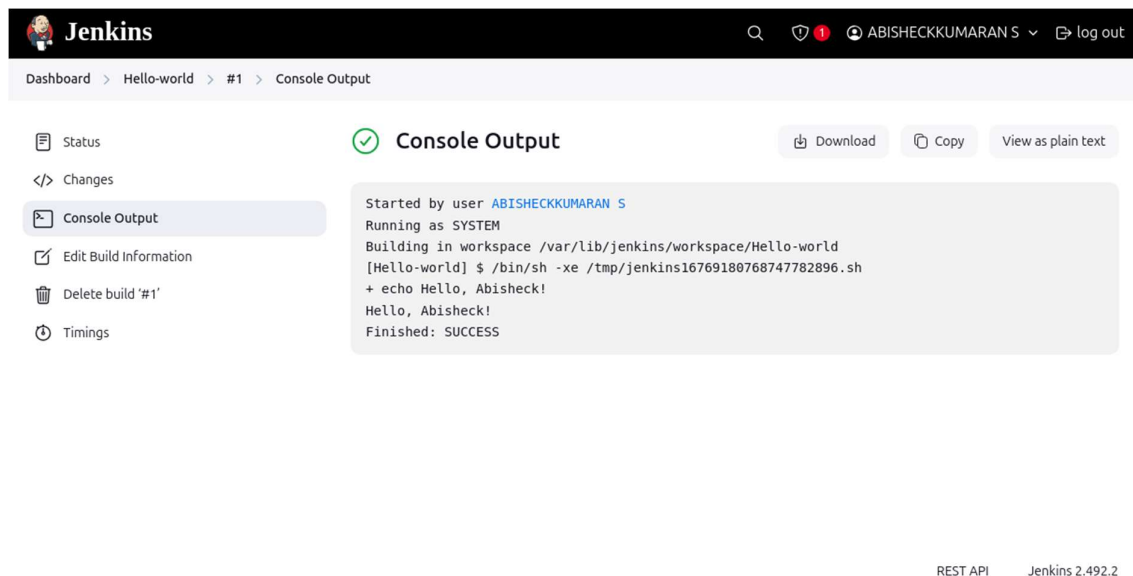
Step 5: Enter your shell commands in the provided text box.

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.

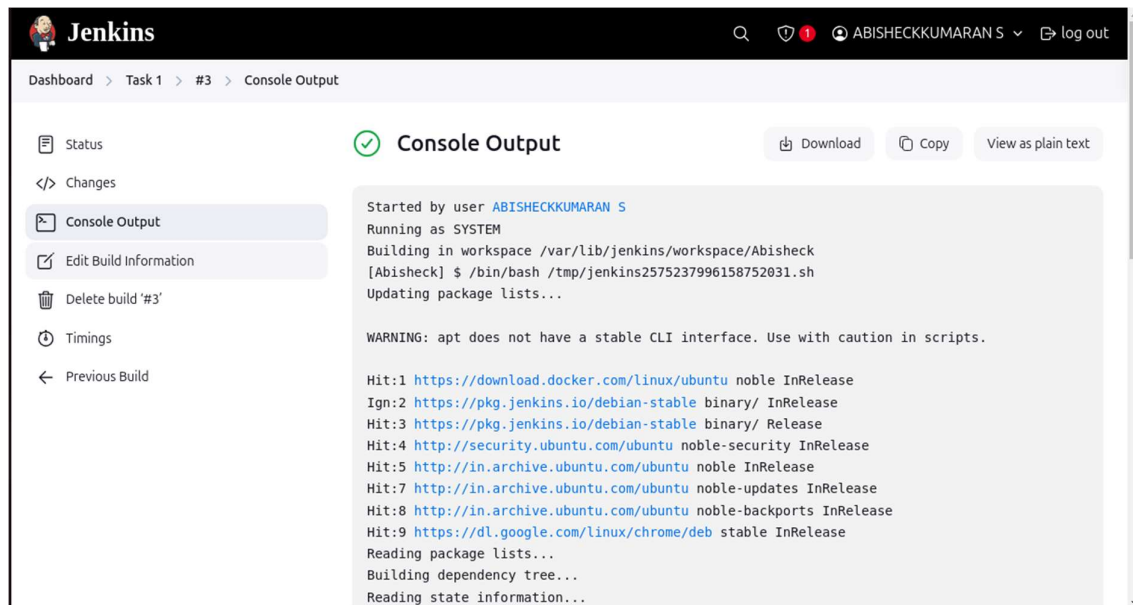


The screenshot shows the Jenkins web interface. At the top is a black header with the Jenkins logo, a search icon, a shield icon with a red exclamation mark, the user 'ABISHECKKUMARAN S', and a 'log out' link. Below the header is a breadcrumb trail: 'Dashboard > Hello-world > #1 > Console Output'. The main content area is divided into two parts. On the left is a sidebar with a list of actions: 'Status', '</> Changes', 'Console Output' (which is highlighted with a blue bar), 'Edit Build Information', 'Delete build '#1'', and 'Timings'. On the right is the 'Console Output' panel, which has a green checkmark icon and the title 'Console Output'. Above the output text are three buttons: 'Download', 'Copy', and 'View as plain text'. The output text itself shows the build process: 'Started by user ABISHECKKUMARAN S', 'Running as SYSTEM', 'Building in workspace /var/lib/jenkins/workspace/Hello-world', '[Hello-world] \$ /bin/sh -xe /tmp/jenkins16769180768747782896.sh', '+ echo Hello, Abisheck!', 'Hello, Abisheck!', and 'Finished: SUCCESS'. At the bottom right of the page, there are links for 'REST API' and 'Jenkins 2.492.2'.

Command:

```
echo "Hello, Abisheck!"
```

TASK 1



Command:

```
#!/bin/bash

sudo apt update

sudo apt install -y nginx

sudo systemctl start nginx

sudo systemctl enable nginx

echo "Nginx installation completed!"
```