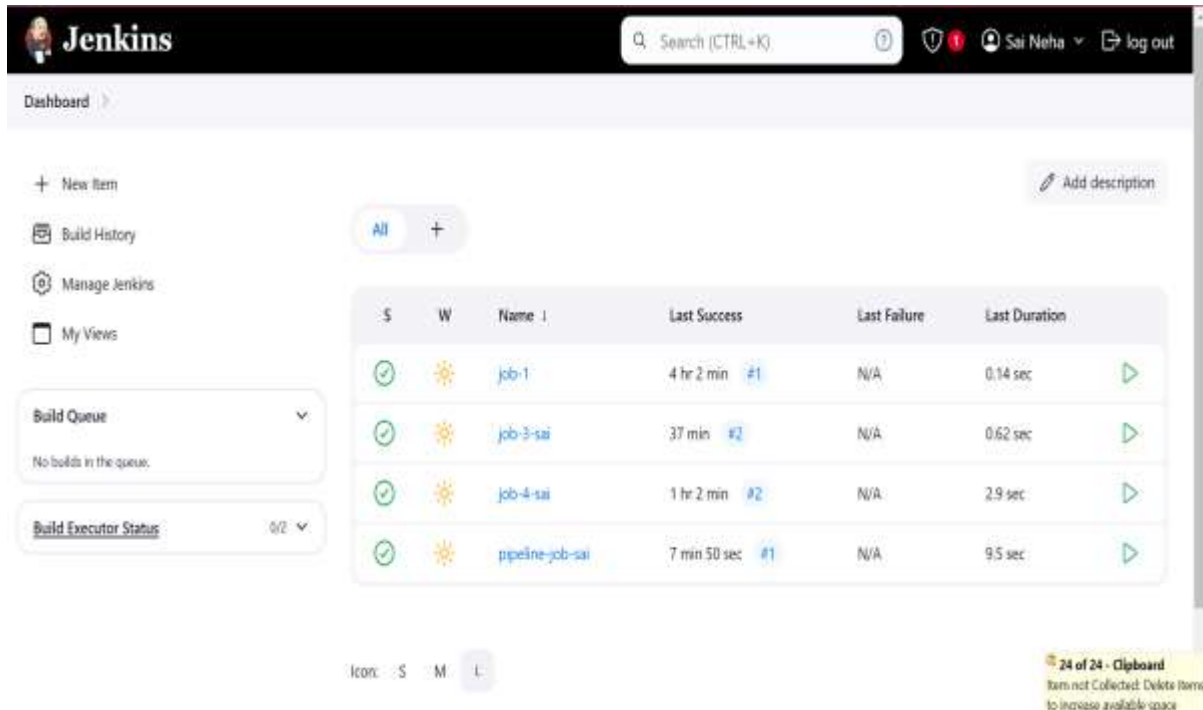
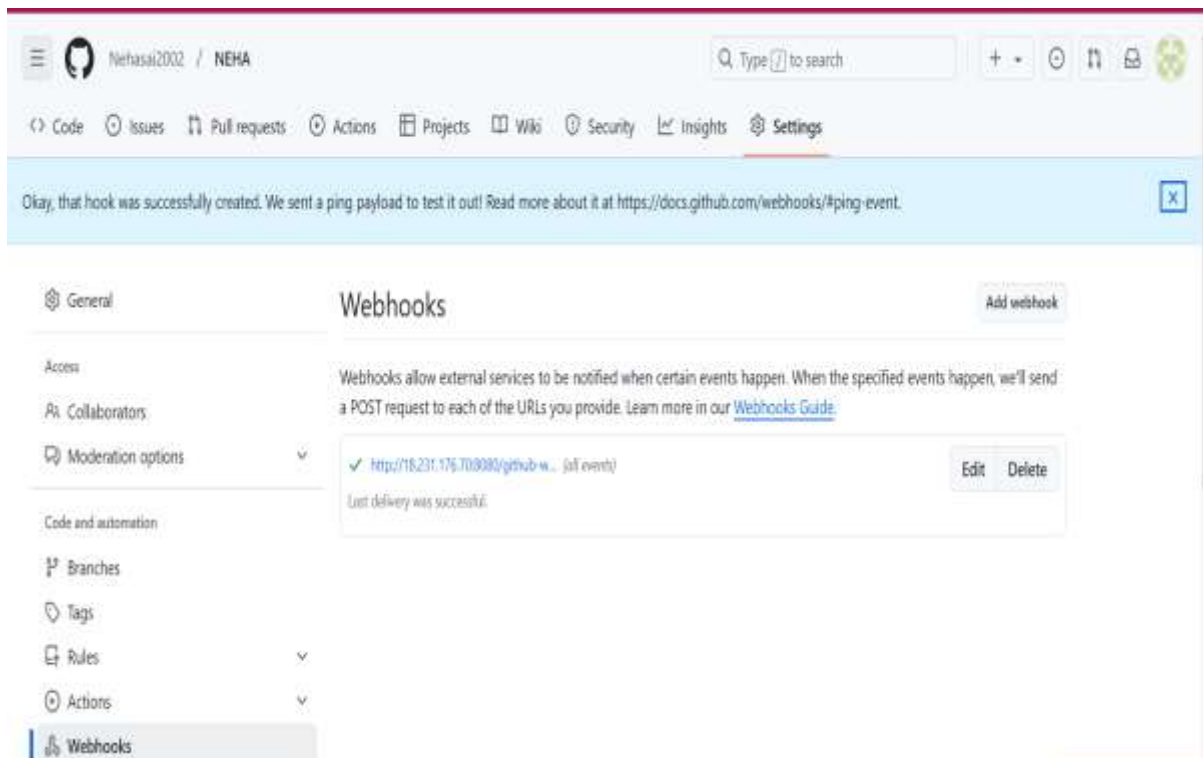


## 9.How to automatically trigger the job in jenkins using pipeline integrating with GitHub.



The screenshot shows the Jenkins Dashboard. The top navigation bar includes the Jenkins logo, a search bar, and user information (Sai Neha). The left sidebar contains links for 'New Item', 'Build History', 'Manage Jenkins', and 'My Views'. The main area displays a table of jobs with columns for status, name, last success, last failure, and last duration. The jobs listed are 'job-1', 'job-3-sai', 'job-4-sai', and 'pipeline-job-sai'. A 'Build Queue' section shows 'No builds in the queue.' and a 'Build Executor Status' section shows '0/2'.

Status	W	Name	Last Success	Last Failure	Last Duration
✓	☀	job-1	4 hr 2 min #1	N/A	0.14 sec
✓	☀	job-3-sai	37 min #2	N/A	0.62 sec
✓	☀	job-4-sai	1 hr 2 min #2	N/A	2.9 sec
✓	☀	pipeline-job-sai	7 min 50 sec #1	N/A	9.5 sec



The screenshot shows the GitHub Webhooks settings page for the repository 'Nehasai2002 / NEHA'. A success message at the top states: 'Okay, that hook was successfully created. We sent a ping payload to test it out! Read more about it at <https://docs.github.com/webhooks/#ping-event>.' The 'Webhooks' section lists a single webhook with the URL 'http://16.231.176.70:8080/github-w...' and the event type '(all events)'. The status is 'Last delivery was successful'. The left sidebar contains links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'.

Webhooks

Webhooks allow external services to be notified when certain events happen. When the specified events happen, we'll send a POST request to each of the URLs you provide. Learn more in our [Webhooks Guide](#).

Webhook	Events	Status
✓ <a href="http://16.231.176.70:8080/github-w...">http://16.231.176.70:8080/github-w...</a>	(all events)	Last delivery was successful

Dashboard > pipeline-job-sai >

Build Now

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

GitHub Hook Log

### Stage View

Average stage times:  
(Average full run time: ~9s)

Dec 12  
16:24

No changes

Declarative: Checkout SCM	Build-System details	Build-Memory details	Build-CPU details	Today's date	process command
1s	522ms	426ms	423ms	418ms	391ms
1s	522ms	426ms	423ms	418ms	391ms

### Permalinks

Builds

Today

#1 10:34 AM

Stage Logs (Declarative: Checkout SCM)

Check out from version control (self time 856ms)

```

Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/NehaSal2002/NDHA.git
> git init /var/lib/jenkins/workspace/pipeline-job-sai # timeout=10
#fetching upstream changes from https://github.com/NehaSal2002/NDHA.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/NehaSal2002/NDHA.git # timeout=10
> git config remote.origin.url https://github.com/NehaSal2002/NDHA.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/sai^{commit} # timeout=10
Checking out Revision 4b75e784123de86ad9290ea2a4be30afe6c8b1de (refs/remotes/origin/sai)
> git config core.sparsecheckout # timeout=10
> git checkout -f 4b75e784123de86ad9290ea2a4be30afe6c8b1de # timeout=10
Commit message: "Create Jenkinsfile"
First time build. Skipping changelog.

```

Dashboard > pipeline-job-sai

status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

GitHub Hook Log

pipeline-job-sai

Edit description

This is a pipeline job integrating with the hitHub using GitHub hook trigger for GITSCM polling

Stage View

Average stage times:  
(Average full run time: ~9s)

Dec 13  
16:24

No  
Changes

Declarative: Checkout SCM	Build: Success (Details) Logs	Build- Memory details	Build-CPU details	Today's date	process command
1s	520ms	426ms	423ms	418ms	391ms

Builds

Filter

1

10log

Permalinks

- Last build (#1), 1 min 55 sec ago
- Last stable build (#1), 1 min 55 sec ago
- Last successful build (#1), 1 min 55 sec ago
- Last completed build (#1), 1 min 55 sec ago