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Batch: D015

## Task 15

Question: Create a simple script file , with some data present it and push it to repo.

Now Create a project in Jenkins connected to your GitHub repository.

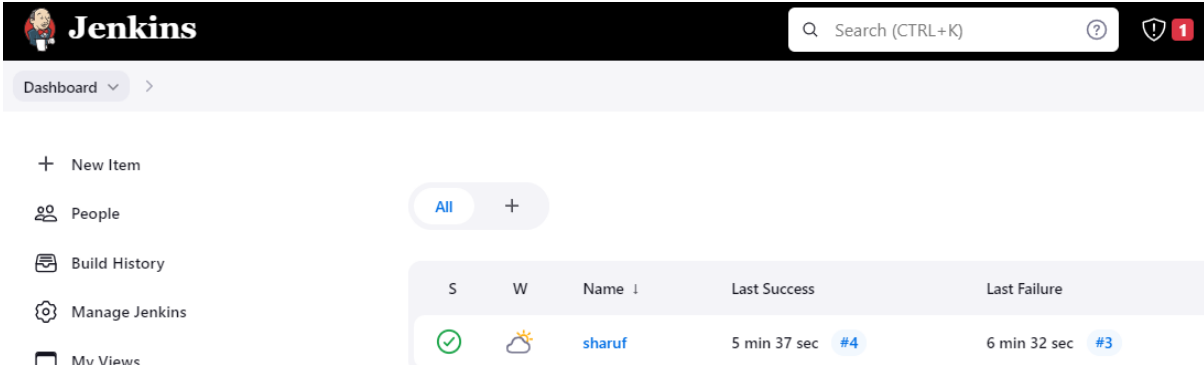
When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

Solution:

### 1.Installing Jenkins:

```
ubuntu@ip-172-31-45-127:~$ jenkins --version
2.426.1
ubuntu@ip-172-31-45-127:~$ sudo service jenkins status
jenkins.service - Jenkins Continuous Integration Server
Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor preset: enabled)
Active: active (running) since Fri 2023-12-01 13:09:11 UTC; 1min 3s ago
Main PID: 5629 (java)
Tasks: 45 (limit: 1121)
Memory: 306.7M
CPU: 39.314s
CGroup: /system.slice/jenkins.service
└─5629 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
```

### 2.Jenkins Dashboard:



The screenshot shows the Jenkins Dashboard interface. At the top, there's a header with the Jenkins logo, a search bar, and a notification icon. Below the header, there's a sidebar with navigation links: Dashboard, New Item, People, Build History, Manage Jenkins, and My Views. The main content area displays a table of build history for the 'sharuf' job. The table has columns for status (S), weather icon (W), name, last success, and last failure. The first row shows a successful build with a green checkmark icon, a sun icon, the name 'sharuf', a last success time of '5 min 37 sec' with a blue '#4' badge, and a last failure time of '6 min 32 sec' with a blue '#3' badge.

S	W	Name	Last Success	Last Failure
✓	☀	sharuf	5 min 37 sec #4	6 min 32 sec #3

### 3.Jenkins Job:

## Source Code Management

☐ None

☒ Git ?

Repositories ?

Repository URL ?

`https://github.com/Er-Sharuf/jenkins.git`

## Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☐ Build periodically ?

☒ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

## Build Steps

≡ **Execute shell** ?

Command

See [the list of available environment variables](#)

```
chmod +x sharuf.sh  
./sharuf.sh
```

## Post-build Actions

### ☰ E-mail Notification ?

#### Recipients

Whitespace-separated list of recipient addresses. May reference build ID. Build becomes unstable or returns to stable.

engineersharuf@gmail.com

☐ Send e-mail for every unstable build

?

☐ Send separate e-mails to individuals who broke the build

Add post-build action ▼

Save

Apply

 Status

 **sharuf**


 Changes

 Workspace

 Build Now

 Configure


 Delete Project

 GitHub Hook Log

 Rename


## Permalinks


- [Last build \(#4\), 10 min ago](#)
- [Last stable build \(#4\), 10 min ago](#)
- [Last successful build \(#4\), 10 min ago](#)
- [Last failed build \(#3\), 11 min ago](#)
- [Last unsuccessful build \(#3\), 11 min ago](#)
- [Last completed build \(#4\), 10 min ago](#)

 Status

 **Console Output**

 Changes

 Console Output

 View as plain text

Started by user [md sharuf raj](#)  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/sharuf  
The recommended git tool is: NONE  
No credentials specified

```
Commit message: "Update sharuf.sh"
> git rev-list --no-walk a9d4ca17e05cddb66e2fa4854e3758d443e5e53 # timeout=10
[sharuf] $ /bin/sh -xe /tmp/jenkins8461674894622324754.sh
+ chmod +x sharuf.sh
+ ./sharuf.sh
today is friday
Thank you for your support
Sending e-mails to: engineersharuf@gmail.com
Finished: SUCCESS
```

Er-Sharuf / jenkins

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Files

main

+

Q

Go to file

t

sharuf.sh

jenkins / sharuf.sh

Er-Sharuf Update sharuf.sh

Code

Blame

3 lines (3 loc) · 69 Bytes

Code 55%

1

#!/bin/bash

2

echo "today is friday"

3

echo "Thank you for your support"