

## Jenkins -2

The screenshot shows the Jenkins Dashboard with the following elements and annotations:

- Dashboard** (header)
- Left Sidebar:**
  - + New Item** (annotated with "Job/ project")
  - People** (annotated with "People in team with specific permission")
  - Build History** (annotated with "Whenever a Job/Item/Project is executed we call it a build")
  - Manage Jenkins** (annotated with "Settings of the Jenkins")
  - My Views**
- Build Queue** (No builds in the queue.)
- ##** (handwritten text)
- Welcome to Jenkins!** (Main heading)
- This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.
- Start building your software project** (Section heading)
- Create a job** (Button)

The screenshot shows the Jenkins Dashboard with the following elements:

- Dashboard** (header)
- Left Sidebar:**
  - + New Item** (circled in red)
  - People**
  - Build History**
  - Manage Jenkins**
  - My Views**
- Build Queue** (No builds in the queue.)
- Build Events Status** (Section heading)
- Welcome to Jenkins!** (Main heading)
- This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.
- Start building your software project** (Section heading)
- Create a job** (Button with a right arrow)
- Set up a distributed build** (Section heading)

**Jenkins** Search (CTRL+K) admin

Dashboard > All >

**Enter an item name**

akshat-job  
Required field

**Freestyle project**  
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

**Pipeline**  
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

*any name can be given to this item*

*to execute any kind of project we can use freestyle project*

##

**Jenkins** Search (CTRL+K) admin log o

Dashboard > akshat-job > Configuration

**Configure** **General** Enabled

**General**

Description

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

*configuration settings of akshat job*

*general details of the job can be managed from here*

*so if your code is in github or any other Repo in this SCM you can manage that.*

*What starts the build (triggers)*

*In what environment you want to execute the job.*

*What steps/commands is required to build the job.*

*After Build is performed what steps you need. e.g. Sending Mail to developer*

Save Apply

## Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

## General

Enabled

### Description

[Plain text] [Preview](#)

- ☐ Discard old builds ?
- ☐ GitHub project
- ☐ This project is parameterized ?
- ☐ Throttle builds ?

##

Dashboard > akshat-job > Configuration

## Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

☐ Add timestamps to the Console Output

- ☐ Inspect build log for published build scans
- ☐ Terminate a build if it's stuck
- ☐ With Ant ?

### Build Steps

- [Add build step](#)
- Filter
- Execute Windows batch command
  - Execute shell**
  - Invoke Ant
  - Invoke Gradle script
  - Invoke top-level Maven targets
  - Run with timeout
  - Set build status to "pending" on GitHub commit

Execute shell means  
whatever command  
i will put it would  
be executed in Ubuntu  
shell  
(Our Machine)

##

Not secure | 54.144.206.80:8080/job/akshat-job/configure

Dashboard > **akshat-job** > Configuration

### Configure

- General
- Source Code Management
- Build Triggers
- Build Environment**
- Build Steps
- Post-build Actions

**Build Steps**

Execute shell ?

Command

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

```
echo "lets learn devops"
```

When you execute akshat job

I step

II step

III step

IV step

go to shell terminal of Machine on which Jenkins is Running

Execute this command in shell terminal

show in Jenkins

Takes the o/p

##

Dashboard > akshat-job > Configuration

### Configure

- General
- Source Code Management
- Build Triggers
- Build Environment**
- Build Steps
- Post-build Actions

**Build Steps**

Execute shell ?

Command

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

```
echo "lets learn devops"
```

##

Save

##

Dashboard > akshat-job >

**Project akshat-job**

- Status: Shows me the status of akshat-job
- Changes: The changes in the settings of the job would be visible here
- Workspace: Let's say if you have connected any repo it will first clone the repo in workspace
- Build Now: Execute The Job
- Configure: go to the settings of the job
- Delete Project: To delete the job
- Rename

Permalinks

Build History trend ▾

Add c Disal

##

Dashboard > akshat-job >

**Project akshat-job**

- Status
- Changes
- Workspace
- Build Now**
- Configure
- Delete Project
- Rename

Permalinks

Build History trend ▾

Ad D

##



Dashboard > akshat-job >



Status



Changes



Workspace



Build Now



Configure



Delete Project

##

Dashboard > akshat-job >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

## Project akshat-job

Add desc

Disable

### Permalinks

- Last build (#1), 32 sec ago
- Last stable build (#1), 32 sec ago
- Last successful build (#1), 32 sec ago
- Last completed build (#1), 32 sec ago

Build History trend

Dashboard > akshat-job >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

## Project akshat-job

Add des

Disable

### Permalinks

- Last build (#1), 32 sec ago
- Last stable build (#1), 32 sec ago
- Last successful build (#1), 32 sec ago
- Last completed build (#1), 32 sec ago

Build History trend

Dashboard > akshat-job > #1 ← Buildname

Status

</> Changes

Console Output

Edit Build Information

Delete build '#1'

✓ Build #1 (Jun 3, 2023, 3:13:54 PM)

Success Build

No changes.

Started by user [admin](#)

Keep this build

Add description

Started 1 min 35 sec ago

Took 0.17 sec

##

Dashboard > akshat-job > #1

Status

</> Changes

**Console Output**

Edit Build Information

Delete build '#1'

Build #1 (Jun 3, 2023, 3:13:54 PM)

No changes.

Started by user [admin](#)

Keep this build forever

Add description

Started 1 min 39 sec ago

Took 0.17 sec

##

Status

</> Changes

**Console Output**

View as plain text

Edit Build Information

Delete build '#1'

Console Output

Started by user [admin](#)

Running as SYSTEM

Building in workspace /var/lib/jenkins/workspace/akshat-job

[akshat-job] \$ /bin/sh -xe /tmp/jenkins9520489262384617085.sh

+ echo lets learn devops

lets learn devops

Finished: SUCCESS

##

Brainstrom Question :

Change the build name from #1 to your name