# **Experiment No.4**

Name:- Bilal Mirje Roll no:- 64 Div:-A Batch :- A3

# 1. create jobs:

# **New Item** Enter an item name samplebuildJob1 Select an item type Freestyle project Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications. 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. Multi-configuration project Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc. Folder Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders. OK **Build Steps** Automate your build process with ordered tasks like code compilation, testing, and deployment. ■ Execute shell ? Command See the list of available environment variables echo "Build process Successfully done...." Advanced 🗸 Add build step 🗸 Post-build Actions Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs. Add post-build action 🗸 Apply

## **New Item**

Enter an item name

sampledeployJob1

Select an item type



#### Freestyle project

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



#### Pineline

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.



#### Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.



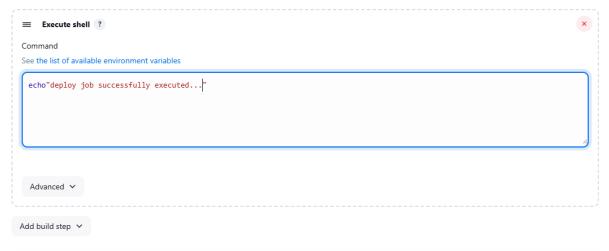
#### Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

OK

#### **Build Steps**

Automate your build process with ordered tasks like code compilation, testing, and deployment.



## Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.



## New Item

Enter an item name

SampleTestJob1

## Select an item type



#### Freestyle projec

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



## 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.



## Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.



#### Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

OK

## **Build Steps**

Automate your build process with ordered tasks like code compilation, testing, and deployment.



## Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Add post-build action 🗸

Save

Apply

## New Item

Enter an item name

SampleReleaseJob1

## Select an item type



## Freestyle project

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



## 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.



## Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.



#### Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

OK

## Build Steps

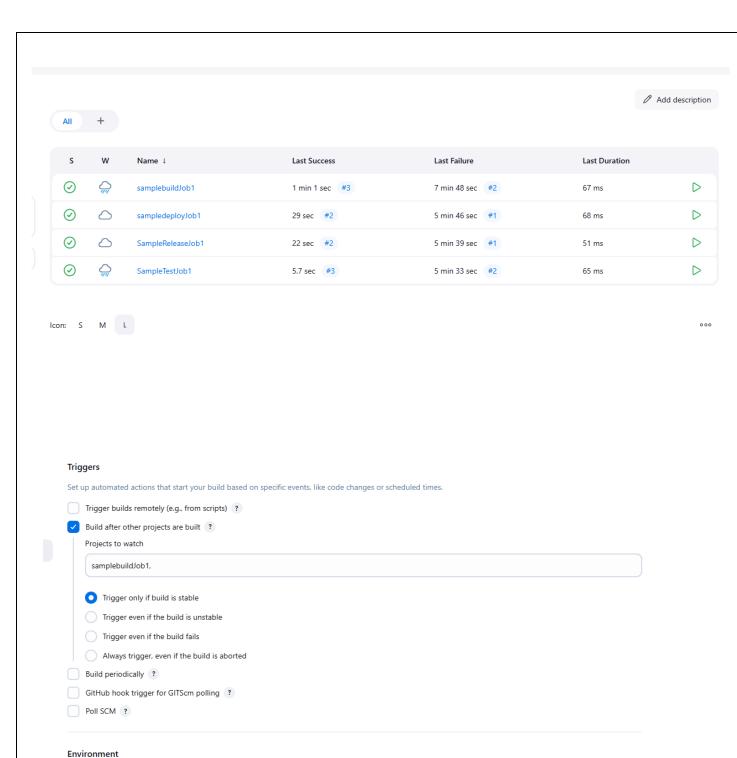
Automate your build process with ordered tasks like code compilation, testing, and deployment.



#### Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.





Configure settings and variables that define the context in which your build runs, like credentials, paths, and global parameters.

Delete workspace before build starts

Apply



## **Upstream Projects**

# **Downstream Projects**

Apply

## **Permalinks**

- Last build (#3), 2 min 5 sec ago
- Last stable build (#3), 2 min 5 sec ago
- Last successful build (#3), 2 min 5 sec ago
- Last failed build (#2), 8 min 52 sec ago
- Last unsuccessful build (#2), 8 min 52 sec ago
- Last completed build (#3), 2 min 5 sec ago

#### **Triggers**

Set up automated actions that start your build based on specific events, like code changes or scheduled times.

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

Build after other projects are built ?

Projects to watch

sampledeployJob1.

Trigger only if build is stable

Trigger even if the build is unstable

Trigger even if the build fails

Always trigger, even if the build is aborted

Build periodically ?

GitHub hook trigger for GITScm polling ?

Poll SCM ?

Environment

Configure settings and variables that define the context in which your build runs, like credentials, paths, and global parameters.

Delete workspace before build starts

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et up	o automated actions that start your build based on specific events, like code changes or scheduled times.	
	Trigger builds remotely (e.g., from scripts)	
<b>V</b>	Build after other projects are built ?	
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	Trigger only if build is stable	
	Trigger even if the build is unstable	
	Trigger even if the build fails	
	Always trigger, even if the build is aborted	
Ċ.	Build periodically (?)	
	GitHub hook trigger for GITScm polling ?	
	Poll SCM ?	
Envir	conment	
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	Delete workspace before build starts	
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