

A **Jenkins Pipeline** is used to automate the process of building, testing, and deploying software.

Step 1: Open Jenkins and Create a New Pipeline

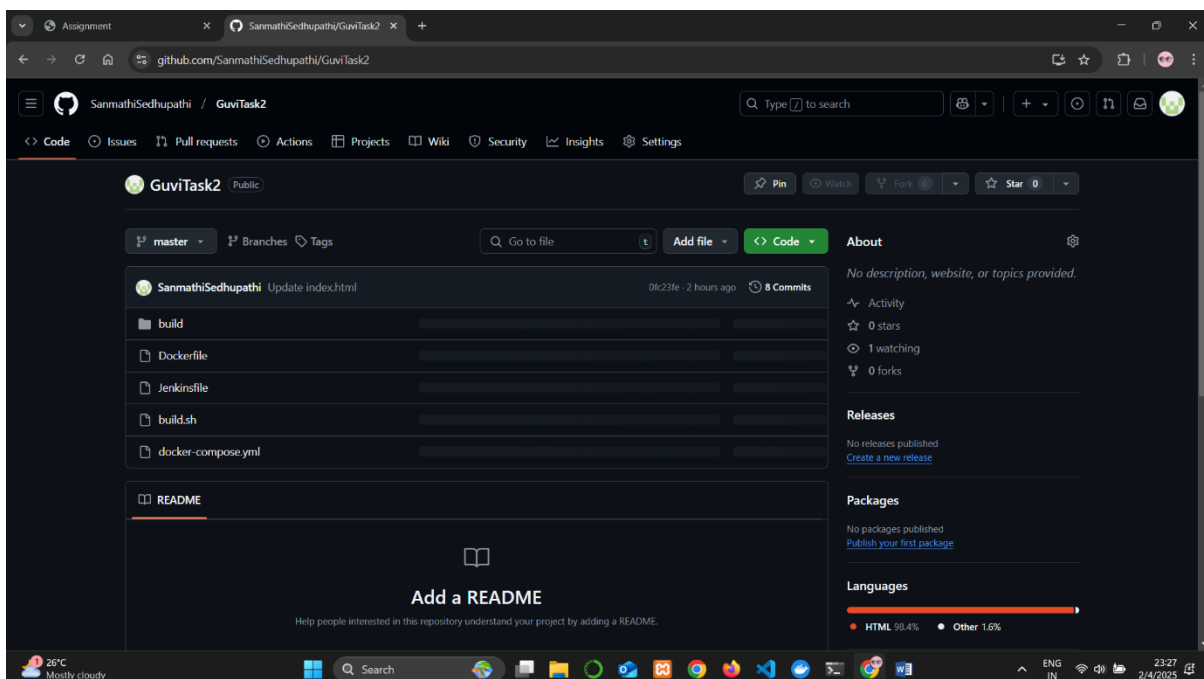
1. Log in to Jenkins.
2. Click on "New Item"
3. Enter a name for the pipeline
4. Select "Pipeline" as the item type.
5. Click "OK" to proceed.

Step 2: Configure the Pipeline

Step 3: Define the Pipeline Script

Using Jenkinsfile from SCM

1. Select "Pipeline script from SCM".
2. Choose "Git" and enter the repository URL.
3. Set the script path to Jenkinsfile.



Task2Taskmates Config [Jenkins]

Assignment

localhost:8080/job/Task2Taskmates/configure

Dashboard > Task2Taskmates > Configuration

Configure

General

Pipeline

Advanced

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/SanmathiSedhupathi/GuvITask2.git

Credentials ?

- none -

+ Add

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/master

Add Branch

Repository browser ?

(Auto)

Additional Behaviours

Add

Script Path ?

Jenkinsfile

☒ Lightweight checkout ?

Save

Apply

26°C

Mostly cloudy

Search

ENG

IN

23:11

2/4/2025

Console Output

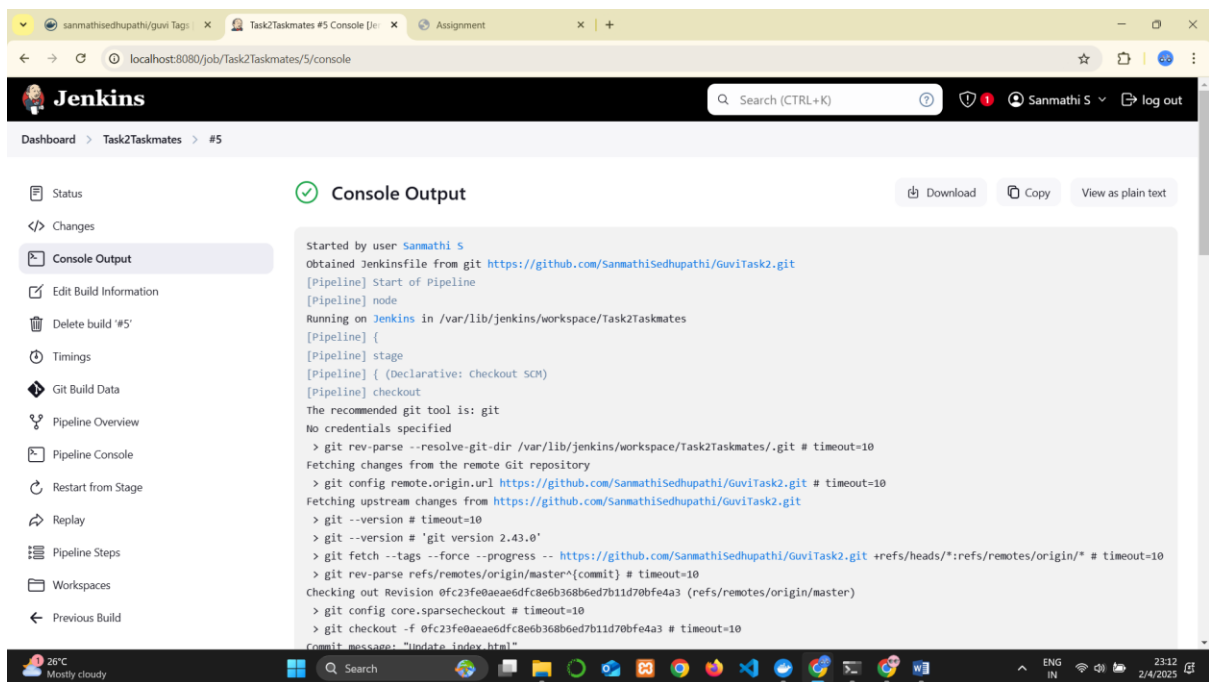
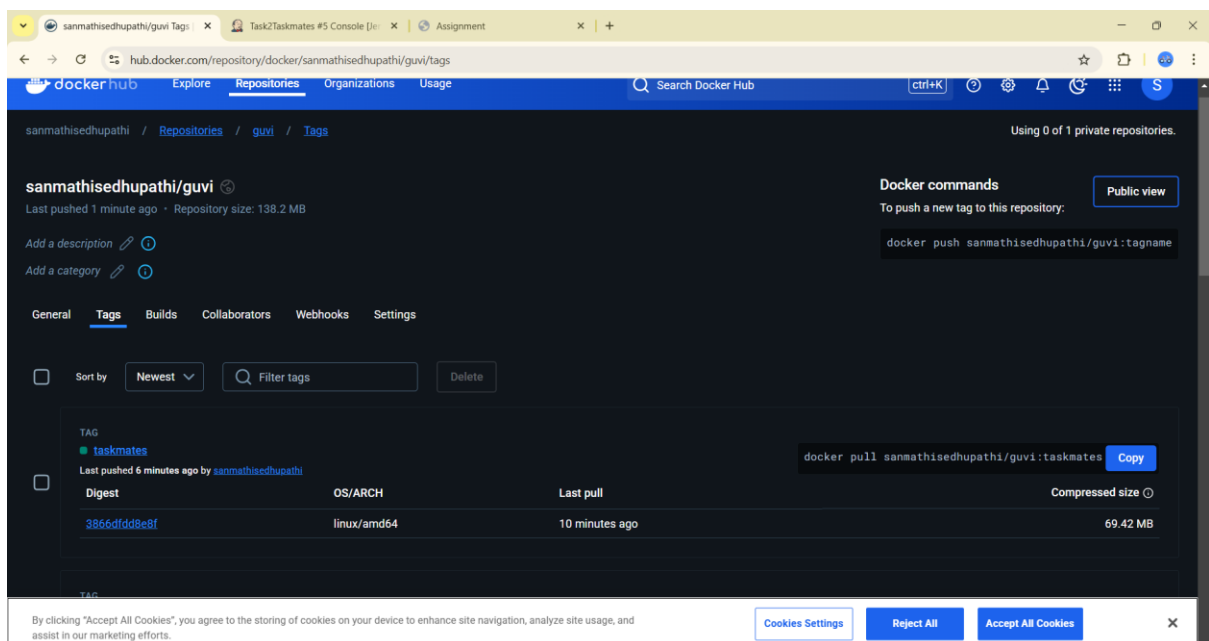


Image pushed into docker hub



Pulling the image

```
root@DESKTOP-QHV714I:~# docker pull sanmathisedhupathi/guvi:taskmates
taskmates: Pulling from sanmathisedhupathi/guvi
Digest: sha256:3866dfdd8e8f7639760bfb5d41e2a910c75e5911efdef95df4f597bf3faab771
Status: Image is up to date for sanmathisedhupathi/guvi:taskmates
docker.io/sanmathisedhupathi/guvi:taskmates
```

```
root@DESKTOP-QHV714I:~# docker run -itd -p 90:80 taskmates
5b11b3e6690bc75f86364871b58e7b763f93b3b47b0dc88d6a92ada5bc223a75
root@DESKTOP-QHV714I:~# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
5b11b3e6690b   taskmates     "/docker-entrypoint..." About a minute ago Up About a minute   0.0.0.0:90->80/tcp, :::90->80/tcp   amazing_gagarin
root@DESKTOP-QHV714I:~#
```

<http://localhost:90>

Assignment

localhost:90/index.html

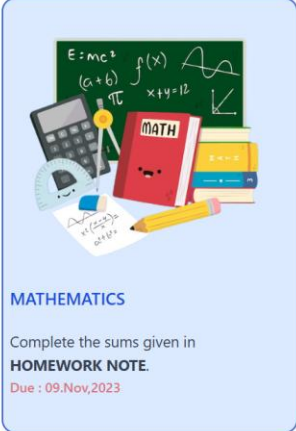
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DashboardAssignmentCalenderStudy GroupsNotificationsLog Out


Today's HOMEWORK (08.Nov.2023)



MATHEMATICS

Complete the sums given in **HOMEWORK NOTE**.


Due : 09.Nov,2023



ENGLISH

Make 20 sentences with **HOMOPHONES**.


Due : 10.Nov,2023



HISTORY

Write a assignment about **WORLD WAR 2**

Due : 11.Nov,2023



SCIENCE

Prepare a model of **HUMAN SKELETAL SYSTEM**

Due : 10.Nov, 2023