TASK:2

i)creating images in docker using Jenkins from git hub repo

index.html

Dockerfile


```
1    FROM nginx:latest
2    # Copy the built files from the previous stage
3    COPY build/ /usr/share/nginx/index.html
4    # Expose port 80 (the default HTTP port)
5    EXPOSE 80
6    # Start Nginx and keep it running in the foreground
7    CMD ["nginx", "-g", "daemon off;"]
```

Jenkinsfile

Files

main

Go to file

Dockerfile
Jenkinsfile
TASK1.pdf
build.sh
deploy.sh
index.html
index2.html
nginx[1].pdf
sparkathon_report.docx

Task-devops- / Jenkinsfile

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Code Blame   18 lines (13 loc) · 382 Bytes   🤖 Code 55% faster with GitHub Copilot

```
 1    pipeline {
 2        agent any
 3
 4        stages {
 5            stage('Build and Push Docker Image') {
 6                steps {
 7                    // Grant executable permissions to the build script
 8                    sh 'chmod +x deploy.sh'
 9
10                    // Build the Docker image using the build script
11                    sh './deploy.sh'
12
13
14                }
15            }
16
17        }
18    }
```

Build.sh

Files

main

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Task-devops- / build.sh

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Code Blame   3 lines (3 loc) · 64 Bytes   🤖 Code 55% faster with GitHub Copilot
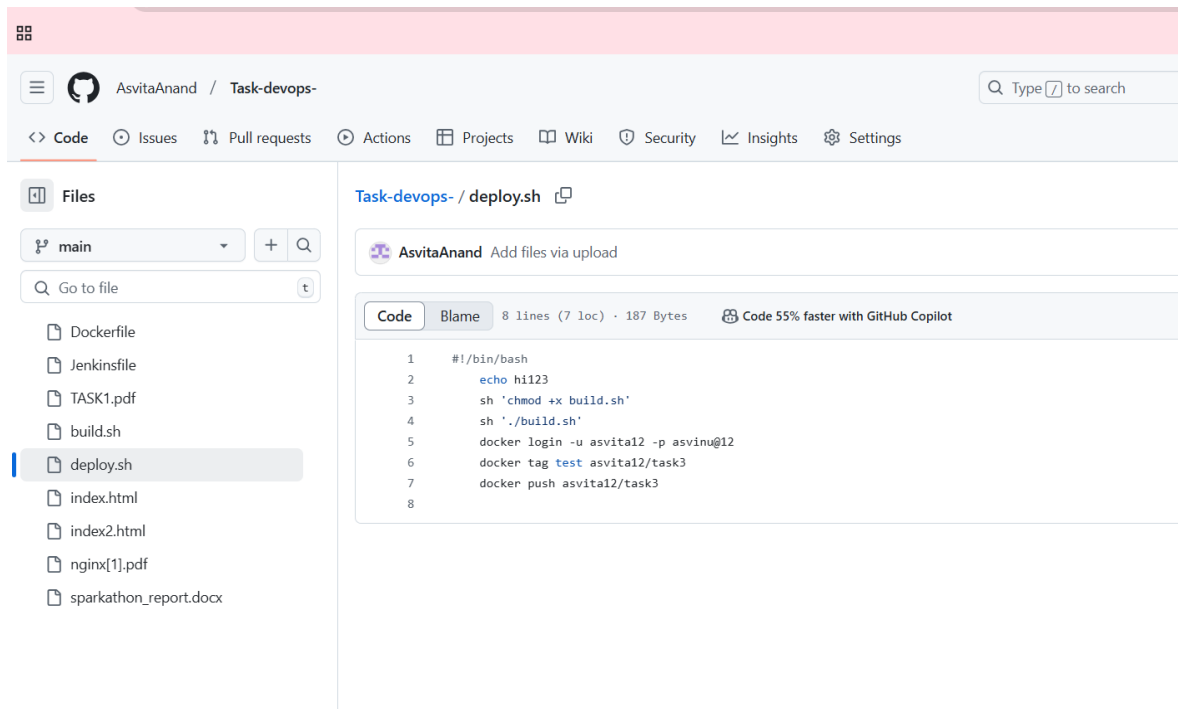
```
1    #!/bin/bash
2    docker build -t test .
3    docker run -itd -p 93:80 test
```

Deploy.sh

Files

main

Go to file   t

Dockerfile
Jenkinsfile
TASK1.pdf
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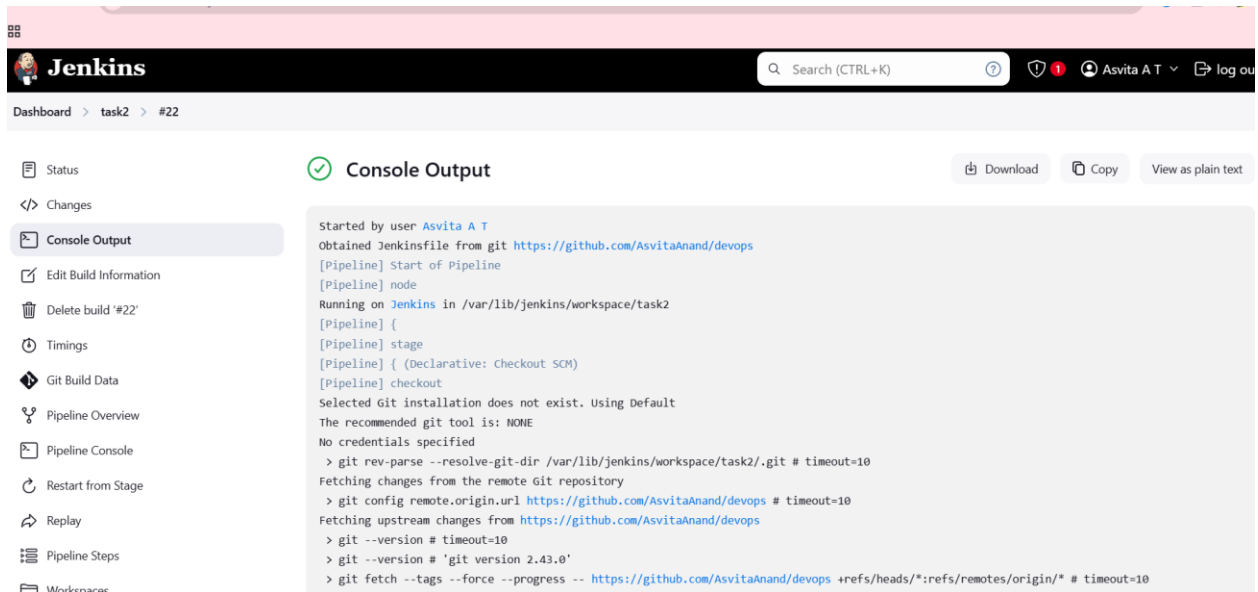Task-devops- / deploy.sh ⧉

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Code | Blame   8 lines (7 loc) · 187 Bytes   ⓑ Code 55% faster with GitHub Copilot

```bash
1  #!/bin/bash
2      echo hi123
3      sh 'chmod +x build.sh'
4      sh './build.sh'
5      docker login -u asvita12 -p asvinu@12
6      docker tag test asvita12/task3
7      docker push asvita12/task3
8
```

OUTPUT IN JENKINS CONSOLE

Jenkins

Q Search (CTRL+K) ⓘ   🛡❶ ⊙ Asvita A T ⌄   ⤓ log ou

Dashboard > task2 > #22

Status
Changes
Console Output
Edit Build Information
Delete build '#22'
Timings
Git Build Data
Pipeline Overview
Pipeline Console
Restart from Stage
Replay
Pipeline Steps
Workspaces

✓ **Console Output**   ⤓ Download   ⧉ Copy   View as plain text

```
Started by user Asvita A T
Obtained Jenkinsfile from git https://github.com/AsvitaAnand/devops
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/task2
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/task2/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/AsvitaAnand/devops # timeout=10
Fetching upstream changes from https://github.com/AsvitaAnand/devops
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/AsvitaAnand/devops +refs/heads/*:refs/remotes/origin/* # timeout=10
```
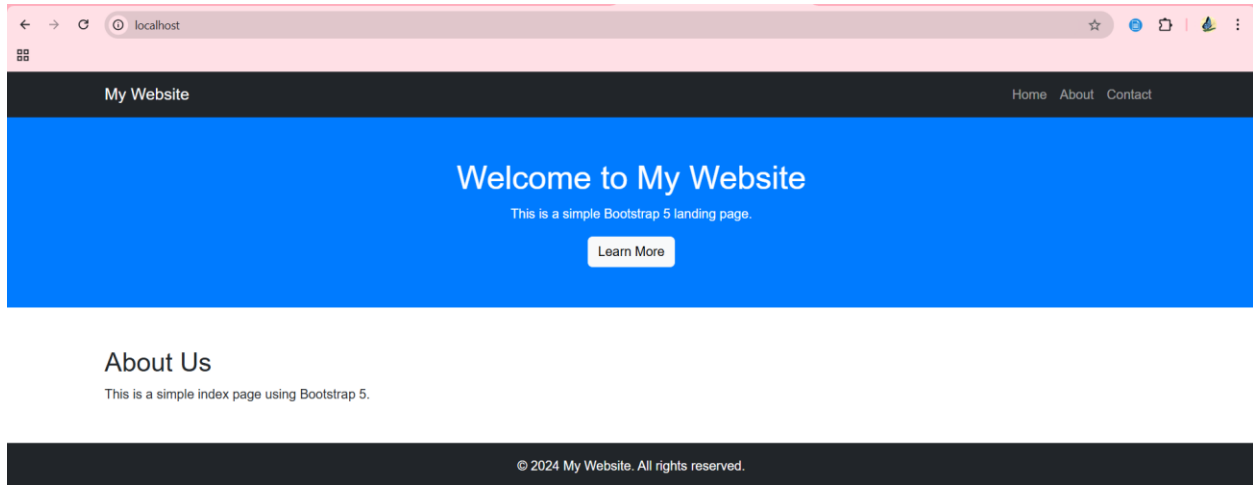
OUTPUT OF INDEX.HTML PAGE

REPOSITORY ADDED IN DOCKER HUB