St. Francis Institute of Technology
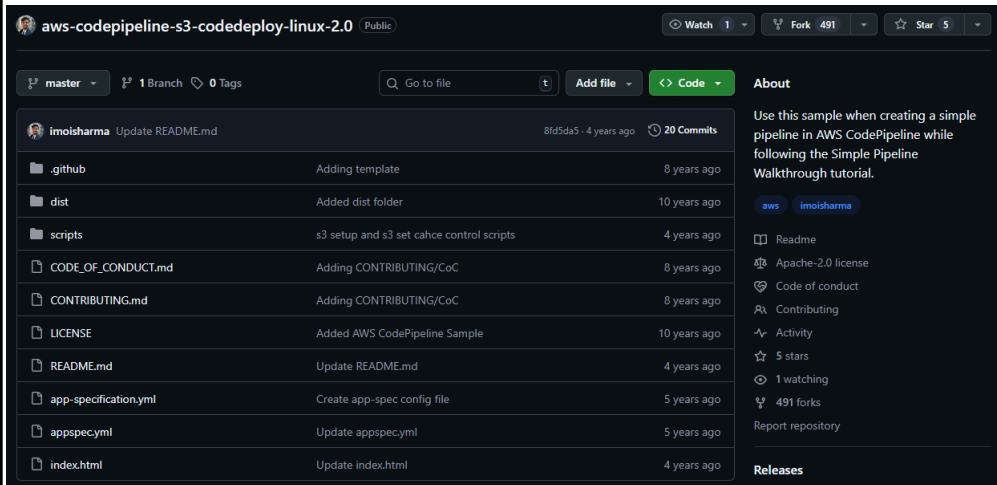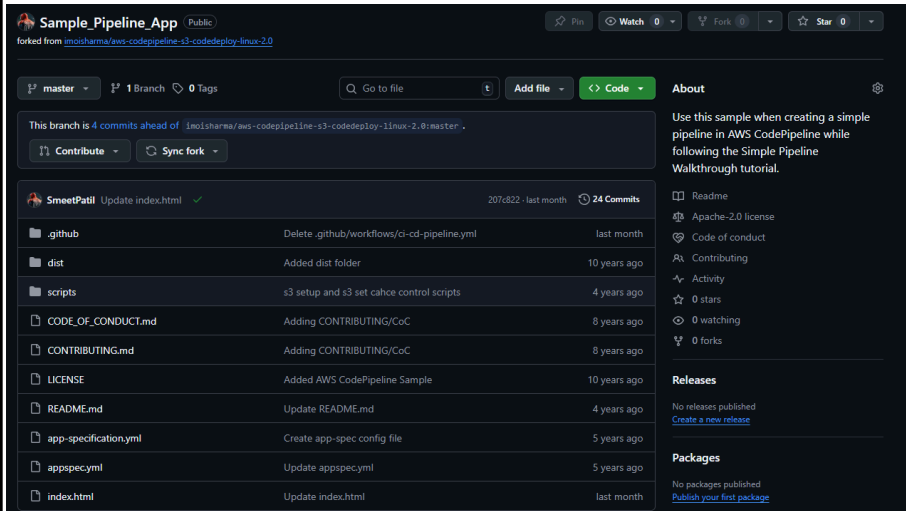## Borivali (West), Mumbai-400103
Department of Information Technology
ADL Practical Exam

Name: Smeet Patil	Date:29-10-2025
Class: TE INFT B	Exam seat no:
PID: 231083	Time:9:00 am to 11:00 am
Roll No:16	No. of Pages:
Duration: One Hour	

Sr No	Problem Statement (Type here):
1.	Step 1 (creation/configuration/initial step(s)): (write step clearly) Create a fork of the repo containing a sample pipeline app on Github Screenshot 1: (full ss with login details and time stamp) Sample pipeline app on github
2.	Step 2 (internal step 1): (write step clearly) Add pipeline code to .github/workflows/ci-cd-pipeline.yml file and push it to the repo

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Screenshot 2: (full ss with login details and time stamp)

```yaml
C: > Users > student > Desktop >  ! ci-cd-pipeline.yml
1    name: CI Pipeline
2
3    on:
4      push:
5        branches: [ "main" ]
6      pull_request:
7        branches: [ "main" ]
8
9    jobs:
10     build:
11       runs-on: ubuntu-latest
12
13       steps:
14         - name: Checkout code
15           uses: actions/checkout@v3
16
17         - name: Set up Node.js
18           uses: actions/setup-node@v3
19           with:
20             node-version: '16'
21
22         - name: Install dependencies
23           run: npm install
24
25         - name: Run tests
26           run: npm test
```
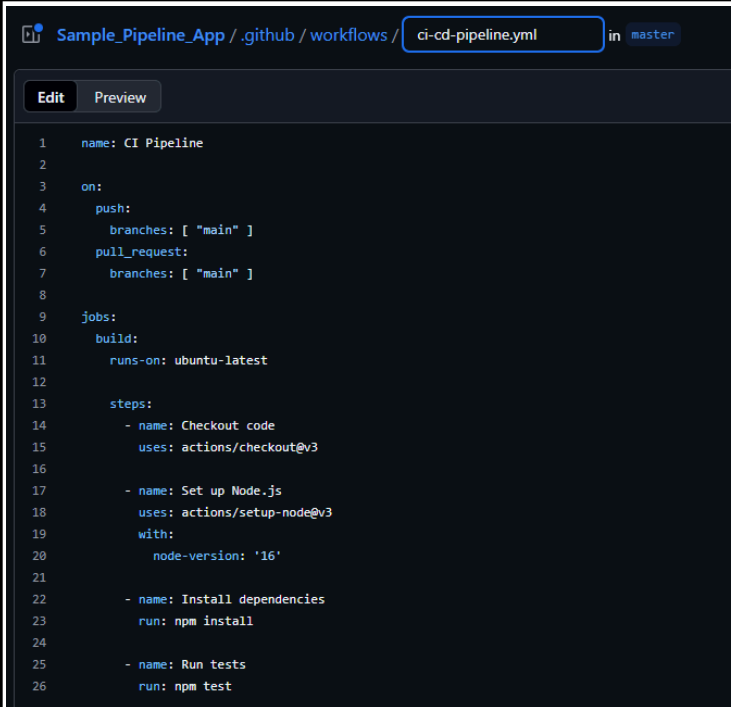
09:41
29-10-2025

Pipeline code for the workflow

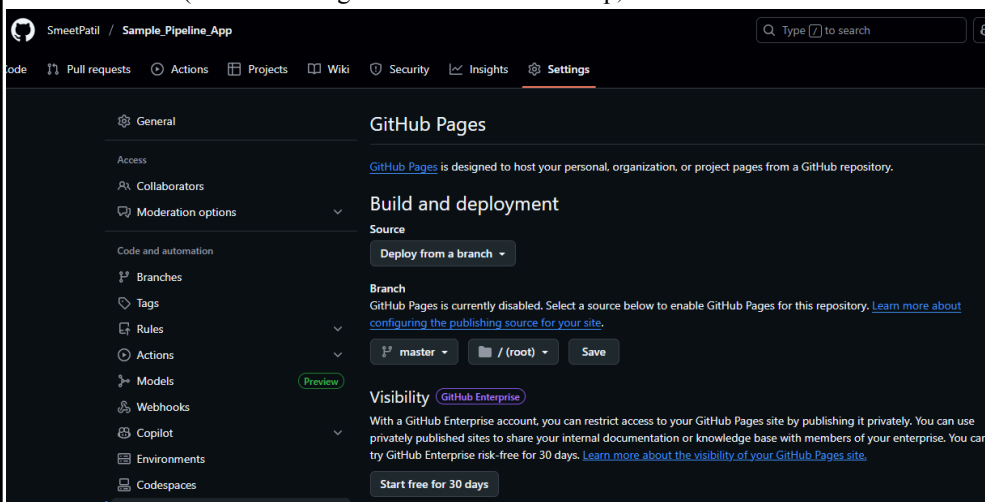|	
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Create the file in .github/workflows and name it ci-cd-pipeline.yml

3.	Step 3 (internal step 2): (write step clearly) Enable Github pages for the master branch of this fork

Screenshot 3: (full ss with login details and time stamp)

Enable pages for the master branch

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4.	Step 4 (internal step 3): (write step clearly) Go to Actions section in the repo to see the build of the index.html file which was configured via the pipeline script Screenshot 4: (full ss with login details and time stamp) The page has been deployed successfully. Open the page using the link given The original unchanged index.html file deployed
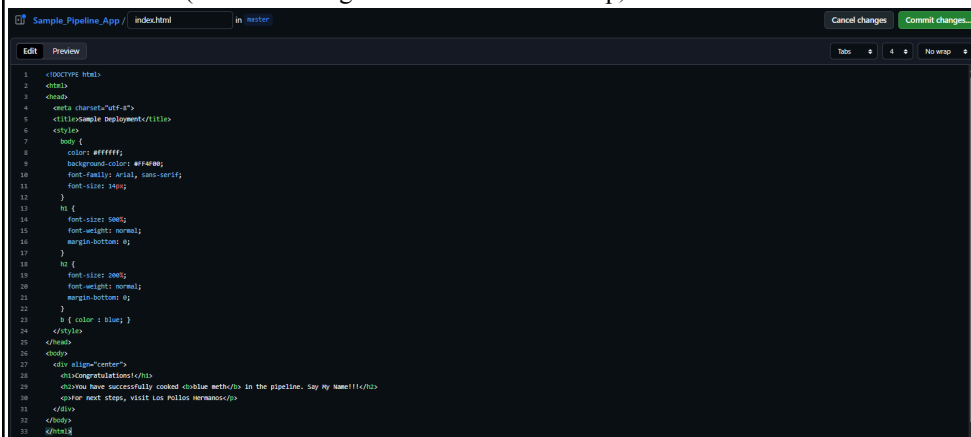
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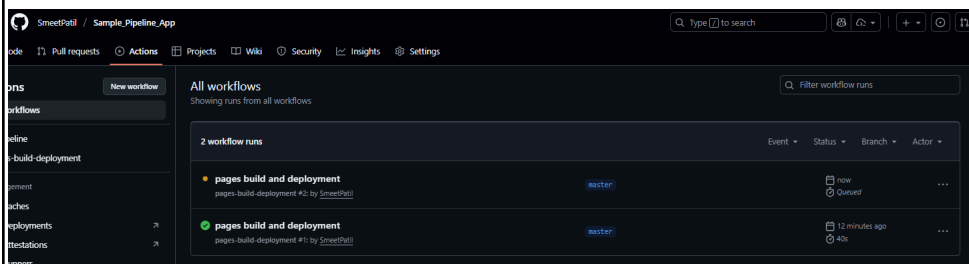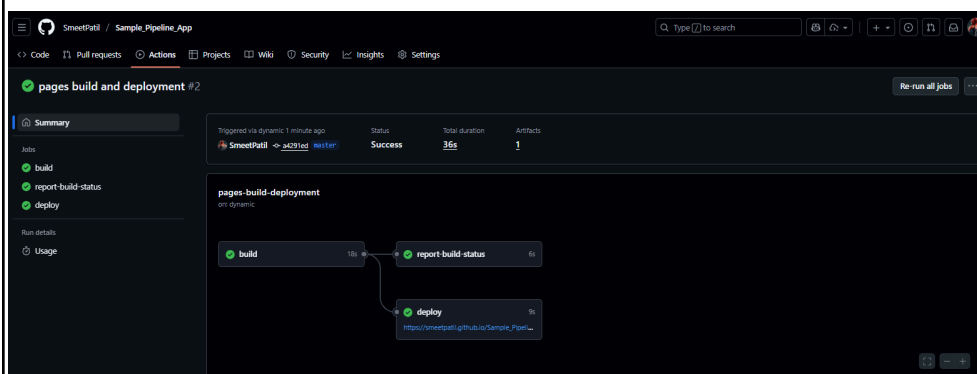| 5.	Step 5 : (write step clearly) Make changes in the index.html app to trigger another build showcasing CI/CD pipeline is configured correctly and working
	Screenshot 5: (full ss with login details and time stamp)
	Make changes in index.html
	A second build of the page is auto queued in the Actions tab
	It auto builds the page again with the changes

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The changes have been deployed ensuring CI/CD pipeline is working.

Note: Adjust SS to fit in the table row. SS should include username and timestamp. Add rows if needed