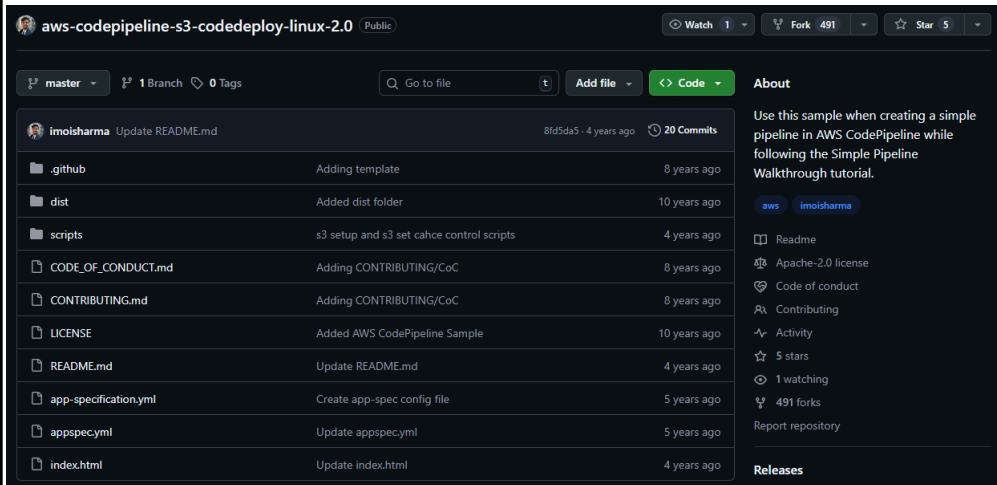
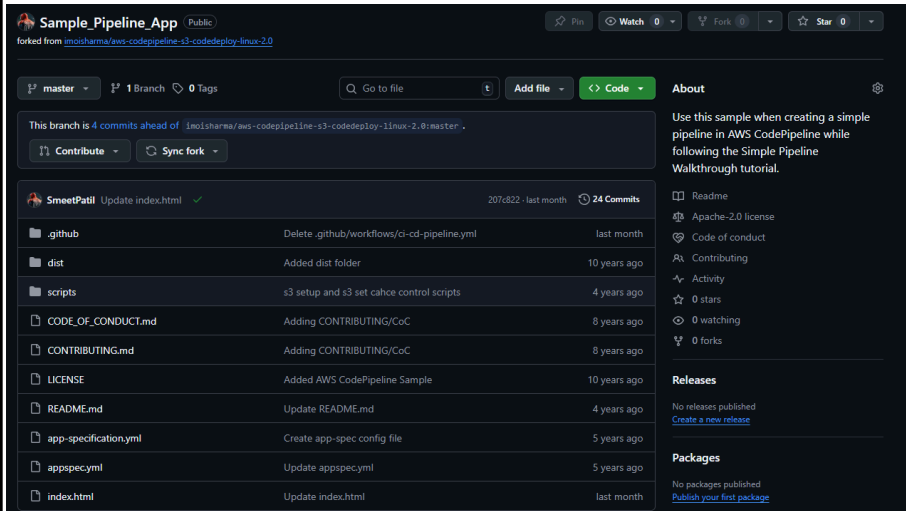


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**ADL Practical Exam**

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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.	<p>Step 1 (creation/configuration/initial step(s)): (write step clearly) Create a fork of the repo containing a sample pipeline app on Github</p> <p>Screenshot 1: (full ss with login details and time stamp)</p>  <p>Sample pipeline app on github</p> 
2.	<p>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</p>

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

```
C: > Users > student > Desktop > ! ci-cd-pipeline.yml
```

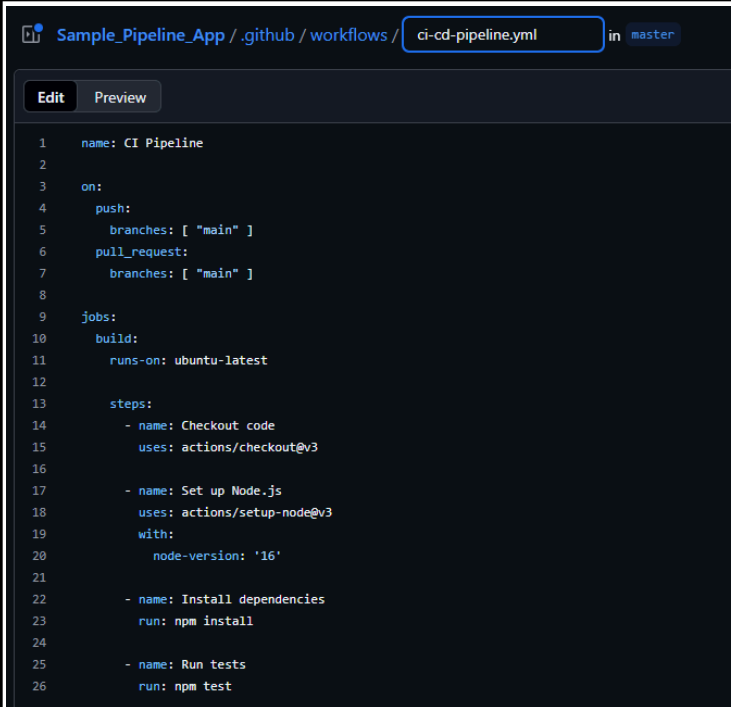
```
1  name: CI Pipeline
2
3  on:
4    push:
5      branches: [ "main" ]
6    pull_request:
7      branches: [ "main" ]
8
9  jobs:
10   build:
11     runs-on: ubuntu-latest
12
13     steps:
14       - name: Checkout code
15         uses: actions/checkout@v3
16
17       - name: Set up Node.js
18         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
```

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Pipeline code for the workflow

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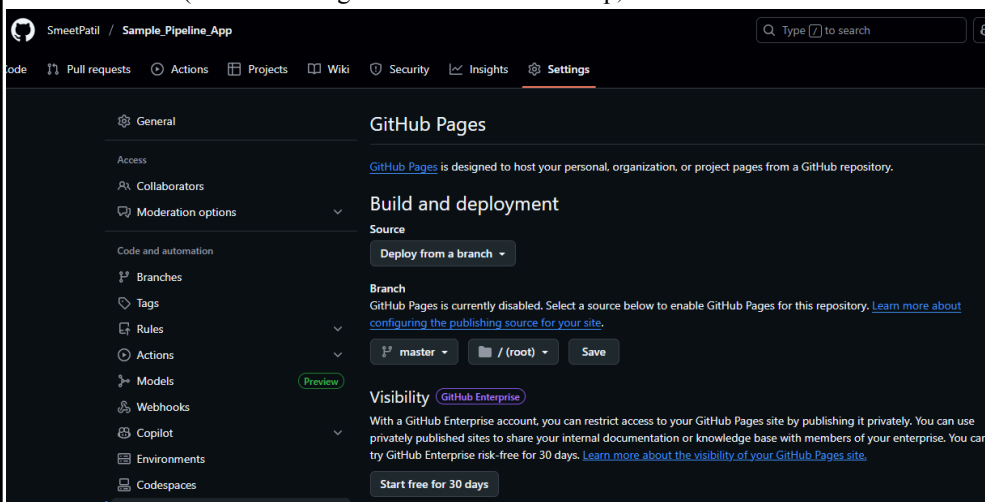
The screenshot shows a GitHub Actions workflow file named `ci-cd-pipeline.yml` in the `Sample_Pipeline_App` repository. The workflow is configured for the `main` branch. It includes a `build` job that runs on `ubuntu-latest` and contains three steps: `Checkout code` (using `actions/checkout@v3`), `Set up Node.js` (using `actions/setup-node@v3` with `node-version: '16'`), and `Install dependencies` (using `npm install`). A `Run tests` step (using `npm test`) is also present but commented out.

09:48  
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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)



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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 screenshot shows the GitHub Actions interface for the workflow 'pages build and deployment'. The workflow is in a 'Success' state, triggered via dynamic 2 minutes ago. The summary shows the workflow was triggered by SmeetPatil on the master branch. The jobs listed are build, report-build-status, and deploy. The build job took 22s, report-build-status took 4s, and deploy took 5s. The deployment link is https://smeetpatil.github.io/Sample\_Pipeline-.

09:55  
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The page has been deployed successfully. Open the page using the link given

**Congratulations!**

You have successfully created a pipeline that retrieved this source application from an Amazon S3 bucket and deployed it to three Amazon EC2 instances using AWS CodeDeploy.

For next steps, read the AWS CodePipeline Documentation. Incedge 2020

09:57  
29-10-2025

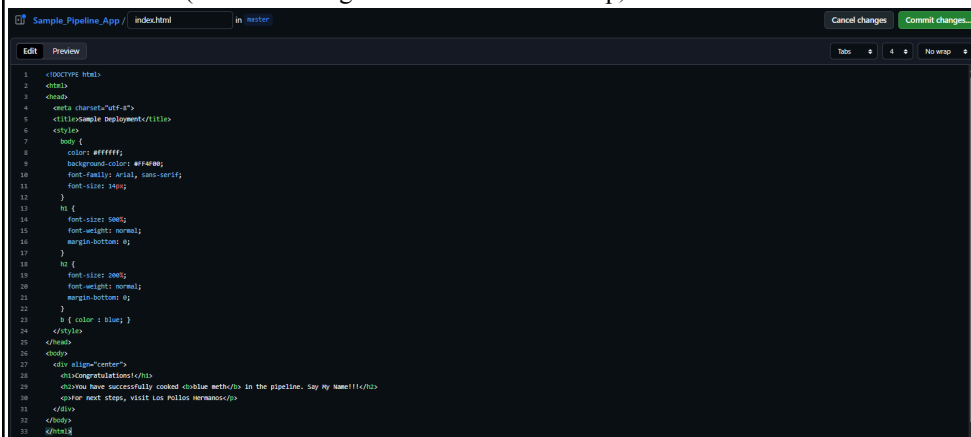
The original unchanged index.html file deployed

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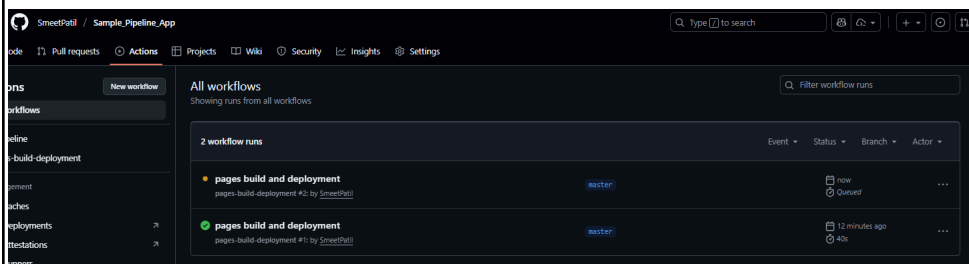
5. Step 5 : (write step clearly) Make changes in the index.html app to trigger another build showcasing CI/CD pipeline is configured correctly and working

Screenshot 5: (full ss with login details and time stamp)



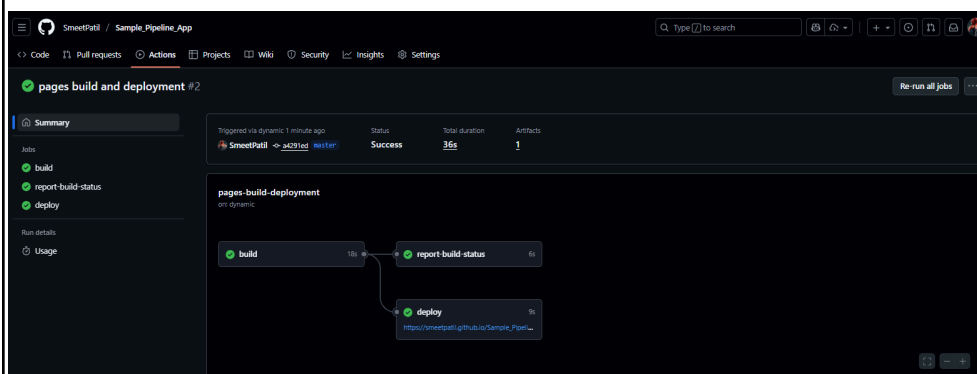
10:03  
29-10-2025

Make changes in index.html



10:05  
29-10-2025

A second build of the page is auto queued in the Actions tab



10:06  
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It auto builds the page again with the changes

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<div><div><div><div><div><h1>Congratulations!</h1><p>You have successfully cooked <b>blue meth</b> in the pipeline. Say My Name!!!</p><p>For next steps, visit Los Pollos Hermanos</p></div></div></div><div><div>10:07</div><div>29-10-2025</div></div></div></div>	
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	