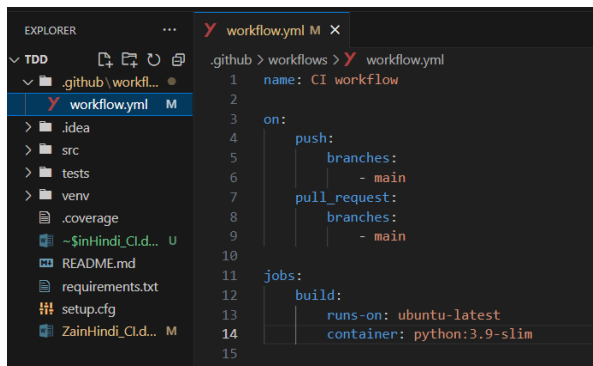


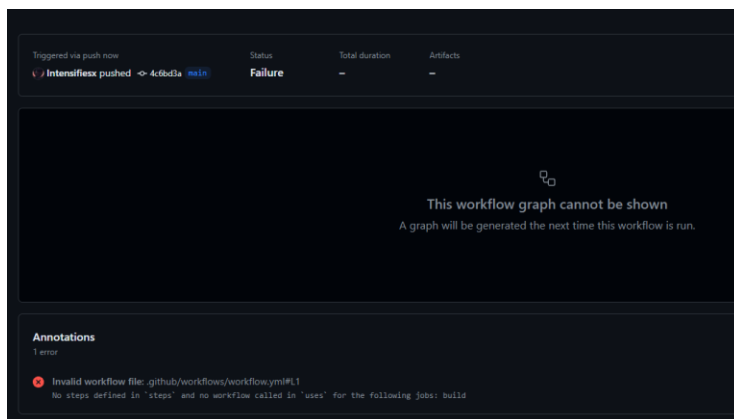
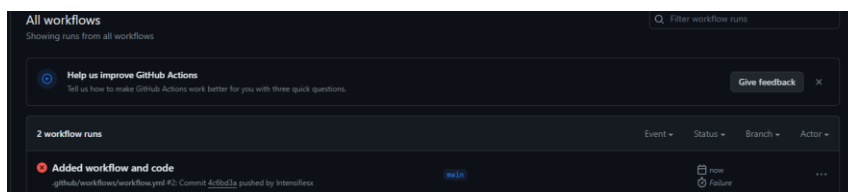
<https://github.com/Intensifiesx/tdd>

## Task 1:



The screenshot shows the VS Code Explorer on the left with the file tree expanded to `.github/workflows/`. The `workflow.yml` file is selected and its content is displayed in the editor on the right. The file is named `CI workflow` and contains a GitHub Actions workflow configuration.

```
1 name: CI workflow
2
3 on:
4   push:
5     branches:
6       - main
7   pull_request:
8     branches:
9       - main
10
11 jobs:
12   build:
13     runs-on: ubuntu-latest
14     container: python:3.9-slim
15
```



## Task 2:

EXPLORER

- workflows
- workflows
- src
- \_\_pycache\_\_
- counter.py
- status.py
- tests
- \_\_pycache\_\_
- test\_counter.py
- venv
- bin
- man
- .gitignore
- pyenv.cfg
- .coverage
- ~\$inHindi\_Cldocx
- README.md
- requirements.txt
- setup.cfg
- ZainHindi\_Cldocx

test\_counter.py

```
tests > CounterTest > test_delete_counter
response = self.client.post('/counters/duplicate')
self.assertEqual(response.status_code, status.HTTP_409_CONFLICT)

def test_update_counter(self):
    """test updating a counter"""
    self.client.post('/counters/update')
    response = self.client.put('/counters/update')
    self.assertEqual(response.status_code, status.HTTP_200_OK)

def test_read_counter(self):
    """test reading a counter"""
    self.client.post('/counters/read')
    response = self.client.get('/counters/read')
    self.assertEqual(response.status_code, status.HTTP_200_OK)

def test_delete_counter(self):
    """test deleting a counter"""
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Counter tests

- Test creating a counter
- Test deleting a counter
- Test handling duplicate counters
- Test reading a counter
- Test updating a counter

Name	Stmts	Miss	Cover	Missing
src/counter.py	33	3	91%	28, 47, 53
src/status.py	6	0	100%	
TOTAL	39	3	92%	

Ran 5 tests in 0.240s

OK

PS C:\Users\hindi\Desktop> git push  
Enumerating objects: 13, done.  
Counting objects: 100% (13/13), done.  
Delta compression using up to 12 threads.

Summary

Jobs

- build

Run details

Usage

Workflow file

build

succeeded now in 11s

Run unit tests with nose

```
1 Run nose tests -v --with-spec --spec-color --with-coverage --cover-package=app
4
4 nose.config: INFO: Ignoring files matching ["\\.", "\\.py"]
5 nose.plugins.cover: INFO: Coverage report will include only packages: ['src', 'app']
6 Counter tests
7 - Test creating a counter
8 - Test deleting a counter
9 - Test handling duplicate counters
10 - Test reading a counter
11 - Test updating a counter
12 /usr/local/lib/python3.9/site-packages/coverage/inorout.py:180: CoverageWarning: Module app was never imported. (module-not-imported)
13 self.warn("Module {pkg} was never imported.", slug="module-not-imported")
14 Name Stmts Miss Cover Missing
15 -----
16 src/counter.py 33 3 91% 28, 47, 53
17 src/status.py 6 0 100%
18 -----
19 TOTAL 39 3 92%
20 -----
21 Ran 5 tests in 0.134s
22 OK
```

Post Checkout

```
1 Post job cleanup.
2 /usr/bin/docker exec 7ba9fc212136f420b29f8321e695ba308462b0857b14b1c2d38f84055d6c8f6 sh -c "cat /etc/passwd | grep "id"
```

Stop containers

```
1 Stop and remove container: 42f5334ba5454e65d98f73483ceaf5_python3911m_15478c
2 /usr/bin/docker rm --force 7ba9fc212136f420b29f8321e695ba308462b0857b14b1c2d38f84055d6c8f6
3 7ba9fc212136f420b29f8321e695ba308462b0857b14b1c2d38f84055d6c8f6
4 Remove container network: github_network_8ba8f93609f64721819f2f3b3a6e48f
5 /usr/bin/docker network rm github_network_8ba8f93609f64721819f2f3b3a6e48f
6 github_network_8ba8f93609f64721819f2f3b3a6e48f
```

Complete job