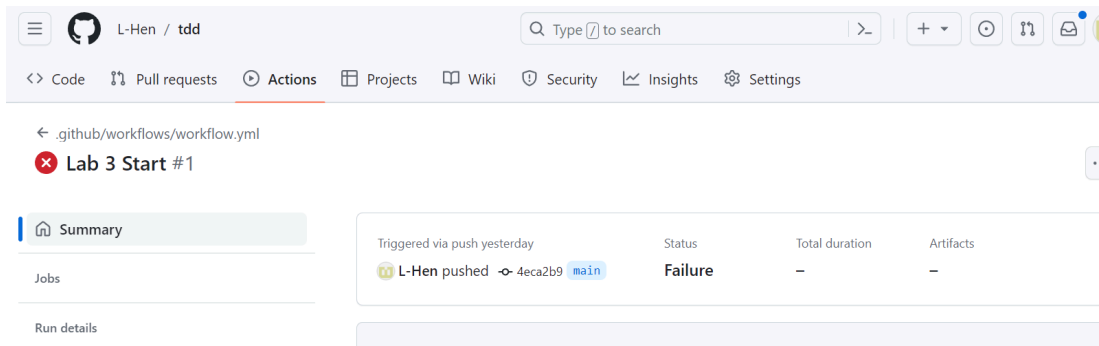


Github Repo:

<https://github.com/L-Hen/tdd>

Task 1:



The screenshot shows the GitHub Actions interface for the repository 'L-Hen / tdd'. The workflow file is '.github/workflows/workflow.yml'. The specific run is 'Lab 3 Start #1', which has failed. The interface includes a navigation bar with links to Code, Pull requests, Actions (selected), Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, there's a summary section with a 'Summary' tab selected. The summary shows the workflow was triggered by a push yesterday, specifically 'L-Hen pushed' to the 'main' branch. The status is 'Failure', and the total duration is not specified. The 'Jobs' section is currently empty.

Task 2:

```
✓ Run unit tests with nose
1 ▶ Run nosetests -v --with-spec --spec-color --with-coverage --cover-package=app
4 nose.config: INFO: Ignoring files matching ['^\\.\\.\\.py$', '^_\\.py$', '^setup\\.py$']
5 nose.plugins.cover: INFO: Coverage report will include only packages: ['src', 'app']
6
7 Counter tests
8 - It should create a counter
9 - It should return an error for duplicates
10 - Test update counter. POST, PUT, GET
11 /usr/local/lib/python3.9/site-packages/coverage/inorout.py:503: CoverageWarning: Module app was never imported. (module-not-imported)
12 self.warn(f"Module {pkg} was never imported.", slug="module-not-imported")
13
14 Name          Stmts  Miss  Cover   Missing
15 -----
16 src/counter.py    20     0   100%
17 src/status.py     6     0   100%
18 -----
19 TOTAL             26     0   100%
20 -----
21 Ran 3 tests in 0.123s
22
```

Creating DELETE:

```
Henry *
@app.route(rule: '/counters/<name>', methods=['DELETE'])
def del_counter(name):
    """Delete a counter"""
    app.logger.info(f"Request to read counter: {name}")
    global COUNTERS
    if name not in COUNTERS:
        return {"Message": f"Counter {name} does not exist."}, status.HTTP_404_NOT_FOUND
    del COUNTERS[name]
    return {}, status.HTTP_204_NO_CONTENT
```

```
Henry *
def test_delete_a_counter(self):
    self.client.post('/counters/delete')
    result = self.client.delete('/counters/delete')
    self.assertEqual(result.status_code, status.HTTP_204_NO_CONTENT)
    result = self.client.delete('/counters/delete')
    self.assertEqual(result.status_code, status.HTTP_404_NOT_FOUND)
```

Run unit tests with nose

```
1 ▶ Run nosetests -v --with-spec --spec-color --with-coverage --cover-package=app
4 nose.config: INFO: Ignoring files matching ['^\\.\\.\\.py$', '^\\.\\.\\.py$']
5 nose.plugins.cover: INFO: Coverage report will include only packages: ['src', 'app']
6
7 Counter tests
8 - It should create a counter
9 - delete a counter
10 - It should return an error for duplicates
11 - Test update counter. POST, PUT, GET
12 /usr/local/lib/python3.9/site-packages/coverage/inorout.py:503: CoverageWarning: Modul
app was never imported. (module-not-imported)
13 self.warn(f"Module {pkg} was never imported.", slug="module-not-imported")
14
15 Name          Stmts  Miss  Cover   Missing
16 -----
17 src/counter.py    27      0  100%
18 src/status.py      6      0  100%
19 -----
20 TOTAL             33      0  100%
21 -----
22 Ran 4 tests in 0.140s
23
```