Cade Aihara

Completion of part 1 by following instructions. We added instructions paying special attention to indentation. It was very important

```yaml
lab03 > tdd > .github > workflows > ! workflow.yml
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
16       steps:
17       - name: Checkout
18         uses: actions/checkout@v3
19
20       - name: Install dependencies
21         run: |
22           python -m pip install --upgrade pip
23           pip install -r requirements.txt
24
25       - name: Lint with flake8
26         run: |
27           flake8 src --count --select=E9,F63,F7,F82 --show-source --statistics
28           flake8 src --count --max-complexity=10 --max-line-length=127 --statistics
29
30       - name: Run unit tests with nose
31         run: nosetests -v --with-spec --spec-color --with-coverage --cover-package=app
```

adding flake8 to requirements.txt

```
lab03 > tdd > ≡ requirements.txt
1    # Dependencies for this lab
2    Flask
3    nose
4    pinocchio
5    coverage
6    pylint
7    flake8
8    ...
```

Add delete definition. Define the exit code and the method name to be able to call it.

```python
@app.route('/counters/<name>', methods=['DELETE'])
def delete_counter(name):
    app.logger.info(f"Request to delete counter: {name}")
    global COUNTERS
    del COUNTERS[name]
    return {name: name}, status.HTTP_204_NO_CONTENT
```

Add delete test case. Works by creating new counter, then deleting it. Double checks that exit code was proper.

```python
def test_delete_counter(self):
    """It should return successful if deleted counter"""
    result = self.client.post('/counters/wolf')
    result = self.client.delete('/counters/wolf')
    self.assertEqual(result.status_code, status.HTTP_204_NO_CONTENT)
```

Successful completion of nose tests. All tests ran successfully.

```
Run unit tests with nose                                                                            0s
 1  ▶ Run nosetests -v --with-spec --spec-color --with-coverage --cover-package=app
 4  nose.config: INFO: Ignoring files matching ['^\\.', '^_', '^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 successful if deleted counter
10  - It should return an error for duplicates
11  - It should return successful if get the correct counter number
12  - It should return successful if update correctly
13  /usr/local/lib/python3.9/site-packages/coverage/inorout.py:503: CoverageWarning: Module app was never imported. (module-not-
    imported)
14    self.warn(f"Module {pkg} was never imported.", slug="module-not-imported")
15
16  Name             Stmts   Miss  Cover   Missing
17  -----------------------------------------------
18  src/counter.py      24      0   100%
19  src/status.py        6      0   100%
20  -----------------------------------------------
21  TOTAL               30      0   100%
22  ----------------------------------------------------------------------
23  Ran 5 tests in 0.136s
24
25  OK
26
```

Extra: Showing my trials of fails and successes

add new line at eof
aiharc1 committed 5 minutes ago · ✓ 1 / 1   3ca7bda

add delete def
aiharc1 committed 6 minutes ago · ✗ 0 / 1   79352e6

add delete test
aiharc1 committed 10 minutes ago · ✗ 0 / 1   ec97670

edit counter files
aiharc1 committed 15 minutes ago · ✓ 1 / 1   721635b

edit counter files
aiharc1 committed 23 minutes ago · ✗ 0 / 1   52ea883

added counter files
aiharc1 committed 27 minutes ago · ✗ 0 / 1   7cdbdf0

finished lab pt2 attempt fix again again again again flake8
aiharc1 committed 34 minutes ago · ✓ 1 / 1   af80a49

finished lab pt2 attempt fix again again again again
aiharc1 committed 37 minutes ago · ✗ 0 / 1   a912116

finished lab pt2 attempt fix again again again
aiharc1 committed 42 minutes ago · ✗ 0 / 1   f3c440e

finished lab pt2 attempt fix again again again
aiharc1 committed 43 minutes ago   a6491e2