

Brendan Jang
CS 362
Assignment 5

1. Function that accepts the radius of a circle and computes and returns the area. Unit test that verifies this function.

The screenshot shows a GitHub repository named 'Assignment5-Actions' by user 'jangb89'. The 'Actions' tab is selected, displaying a workflow titled 'Add a function that accepts the radius of a circle and c...'. The workflow is triggered on the 'master' branch and has a commit hash of '2c21858'. The workflow is a 'Python application' that runs on 'push' events. The workflow status is 'succeeded' and it completed 25 minutes ago in 9 seconds. The workflow steps are listed on the right, all with green checkmarks indicating success:

- Set up job
- Run actions/checkout@v2
- Set up Python 3.8
- Install dependencies
- Lint with flake8
- Test with unittest
 - Run python tests.py
 - ...
 -
 - Ran 3 tests in 0.000s
 - OK
- Post actions/checkout@v2
- Complete job

2. Function that accepts a list and returns the first and last element in the list. Unit test that verifies this function.

The screenshot shows a GitHub repository named 'jangb89 / Assignment5-Actions'. The 'Actions' tab is selected, displaying a workflow titled 'Function that accepts a list and returns the first and last element in the list...'. The workflow is currently running on the 'master' branch at commit 'b03f983'. The workflow is a 'Python application' triggered on 'push'. The 'build' job is highlighted, showing a successful status. The job log details the following steps: 'Set up job', 'Run actions/checkout@v2', 'Set up Python 3.8', 'Install dependencies', 'Lint with flake8', 'Test with unittest', 'Run python tests.py', 'Post actions/checkout@v2', and 'Complete job'. The test results show 'Ran 4 tests in 0.001s' and 'OK'.

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jangb89 / Assignment5-Actions

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✓ Function that accepts a list and returns the first and last element in the list...
master 📦 b03f983

Python application
on: push

✓ build

Python application / build
succeeded 18 minutes ago in 12s

- ▶ ✓ Set up job
- ▶ ✓ Run actions/checkout@v2
- ▶ ✓ Set up Python 3.8
- ▶ ✓ Install dependencies
- ▶ ✓ Lint with flake8
- ▼ ✓ Test with unittest
 - 1 ▶ Run python tests.py
 - 6
 - 7 -----
 - 8 Ran 4 tests in 0.001s
 - 9
 - 10 OK
- ▶ ✓ Post actions/checkout@v2
- ▶ ✓ Complete job

3. Function that accepts two dates and returns the number of days between the two dates. Unit test to verify.

The screenshot shows a GitHub repository named 'jangb89 / Assignment5-Actions'. The 'Actions' tab is selected, displaying a workflow run for the 'build' job. The workflow is triggered on a 'push' event to the 'master' branch. The run is successful, having completed 1 minute ago. The job steps are as follows:

- Set up job
- Run actions/checkout@v2
- Set up Python 3.8
- Install dependencies
- Lint with flake8
- Test with unittest
 - Run python tests.py
 - Output:
Ran 5 tests in 0.001s
OK
- Post actions/checkout@v2
- Complete job