

COMP
110

LS16 - Unit Tests

Unit Testing

- Writing functions to test other functions
- Using pytest (other frameworks exist)

Syntax

```
def test_name() -> None:  
    assert <boolean expression>
```

Command line: `python -m pytest path/to/testfile.py`

Test file names: end with `_test.py`

Test function names: begin with `test_`

Testing

Use case: testing properties for how we expect our program to be used

Edge case: testing instances outside “typical” usage