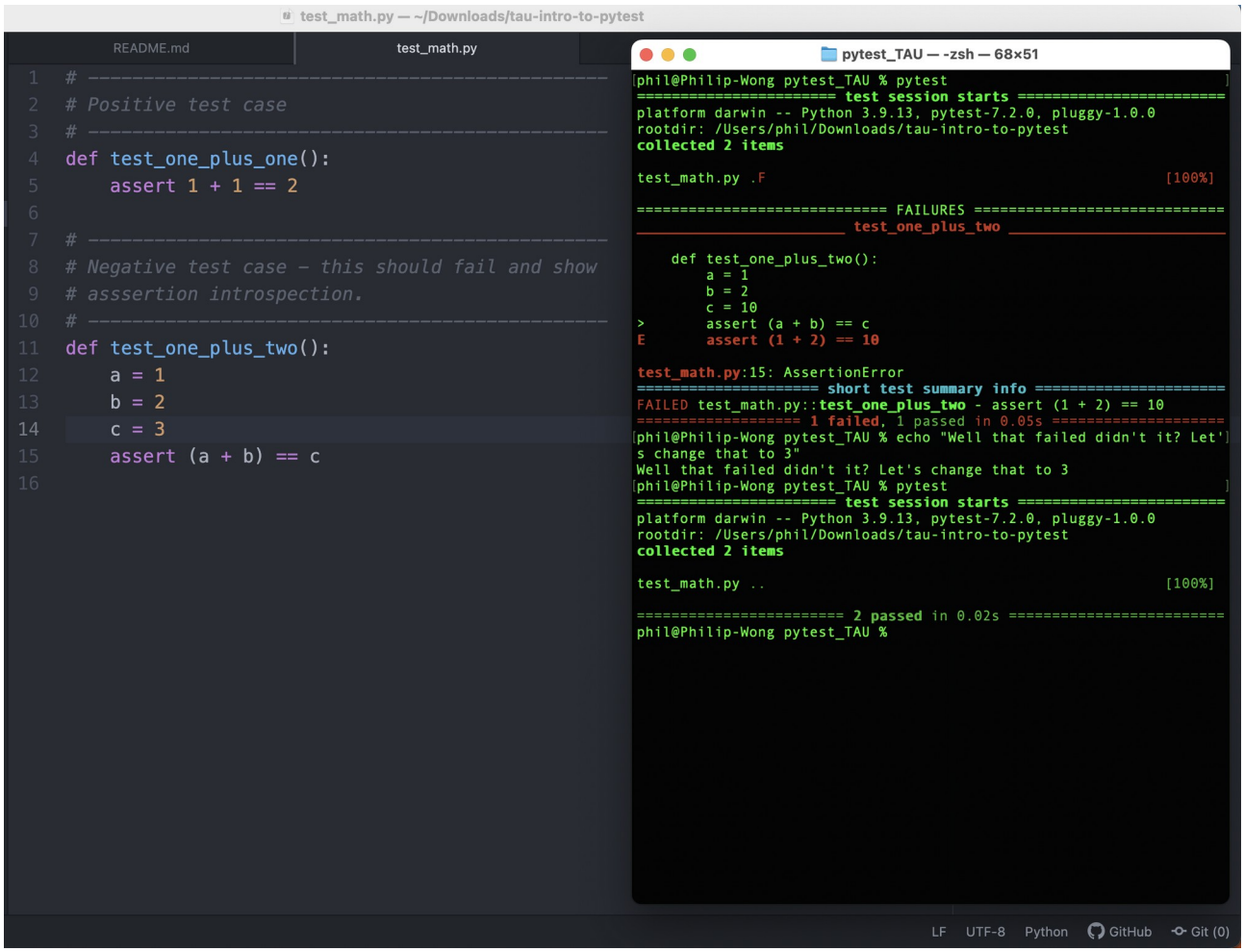
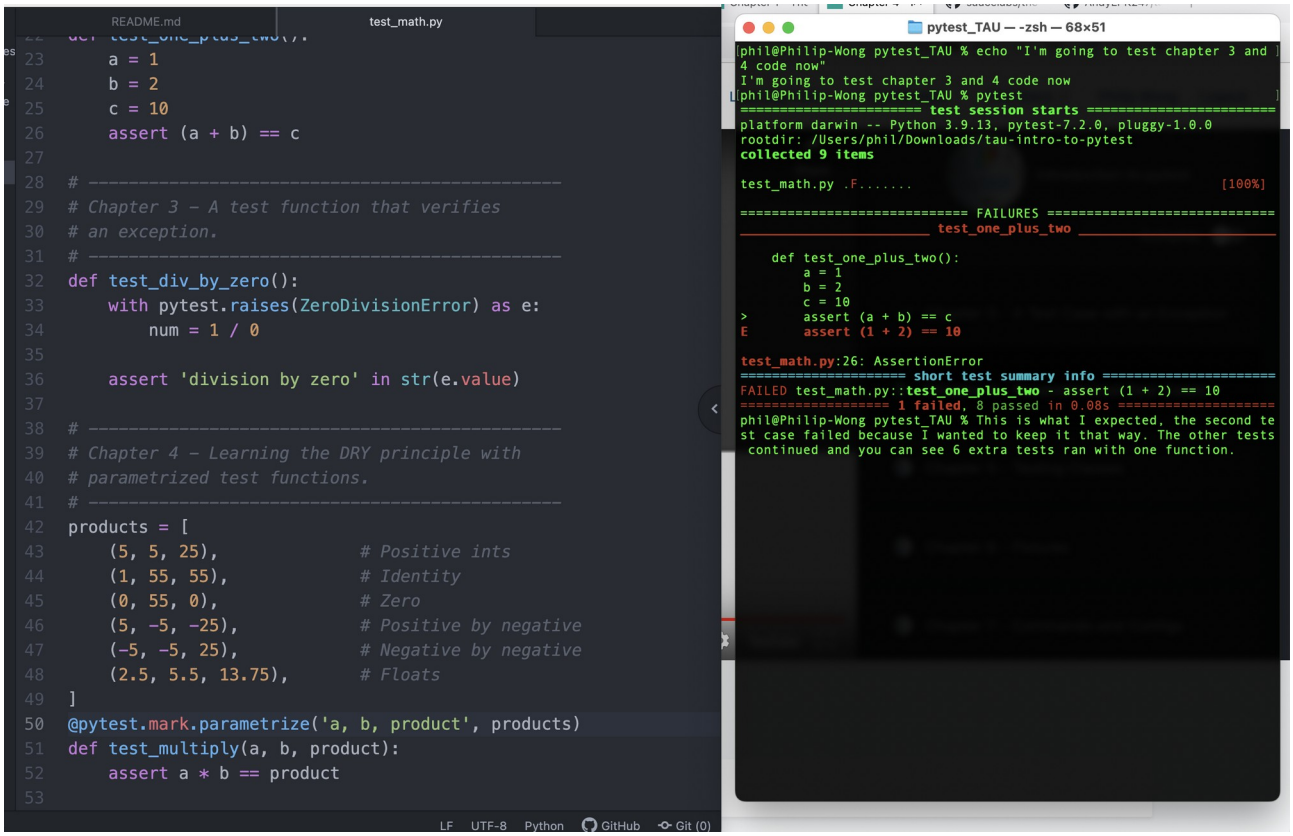
Console output for the pytest course

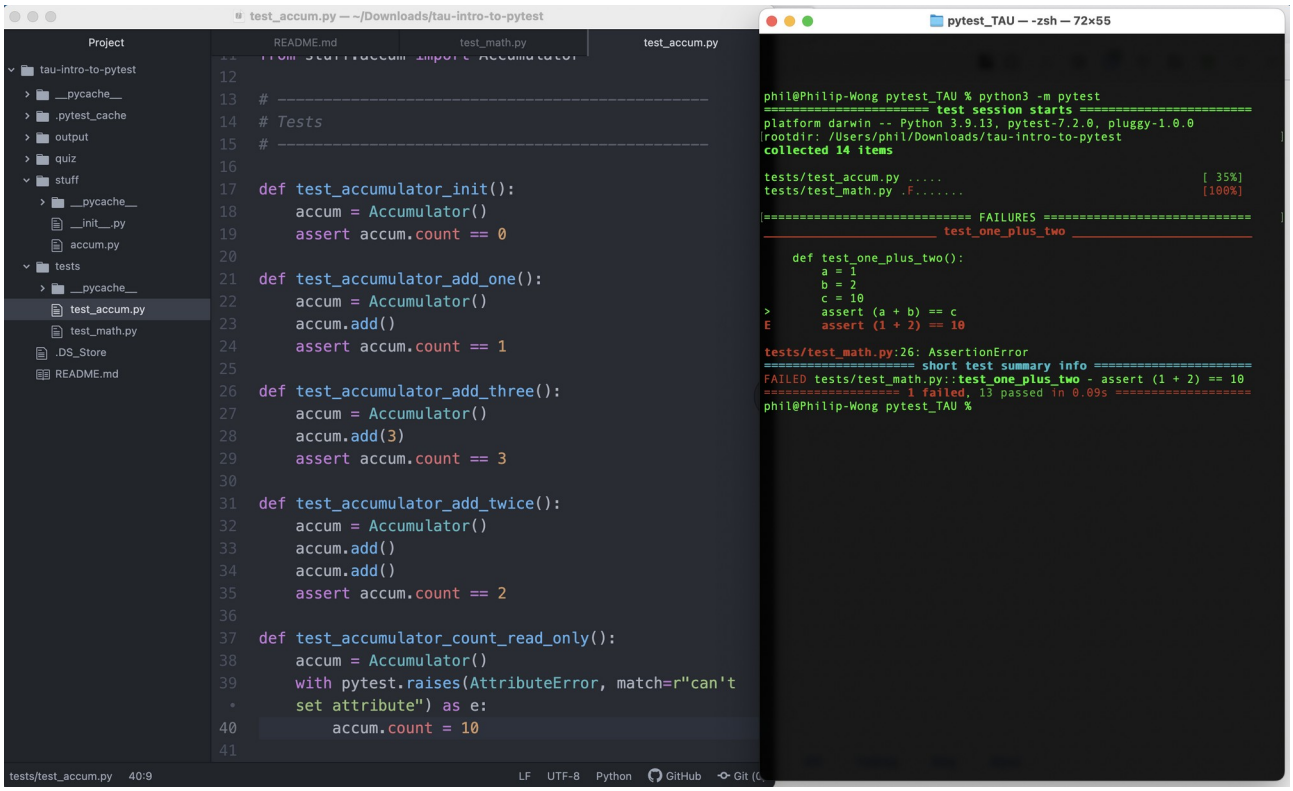
Chapter 1 and 2



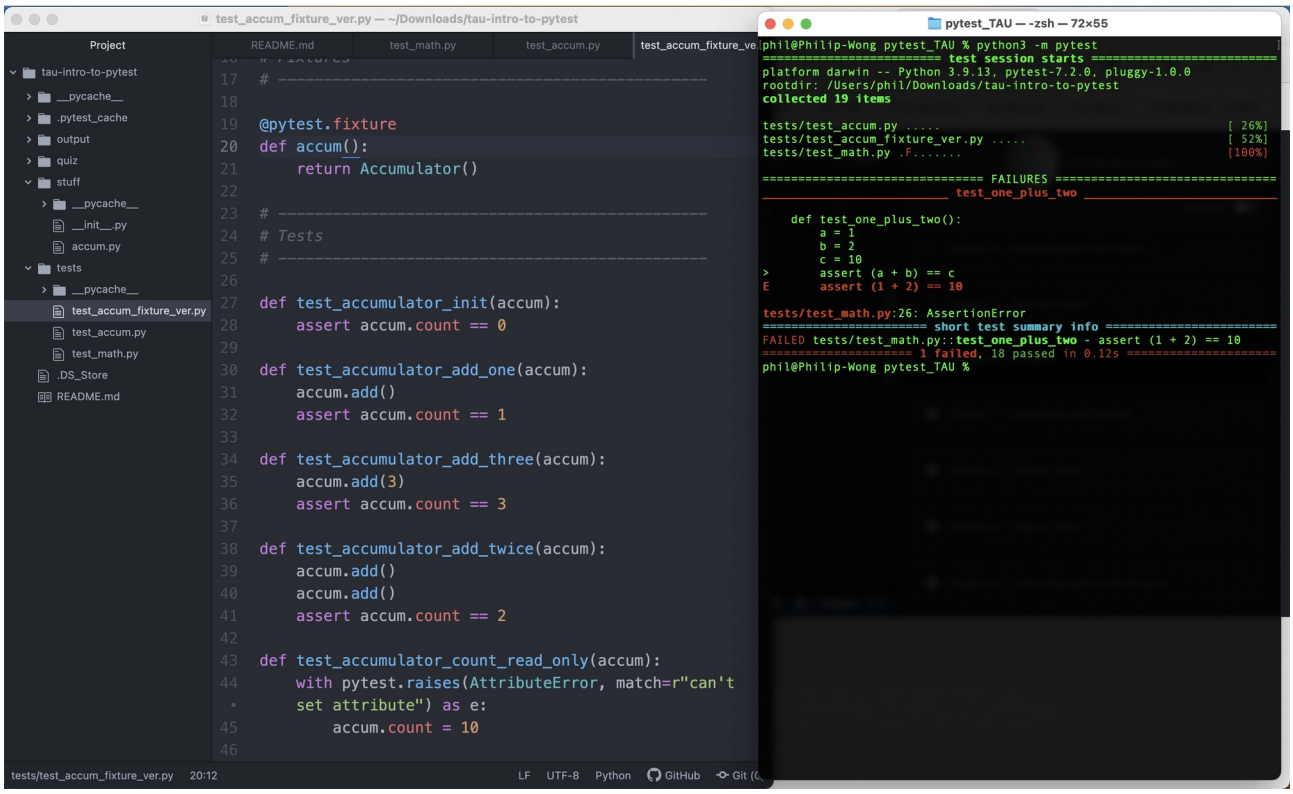
Chapter 3 and 4



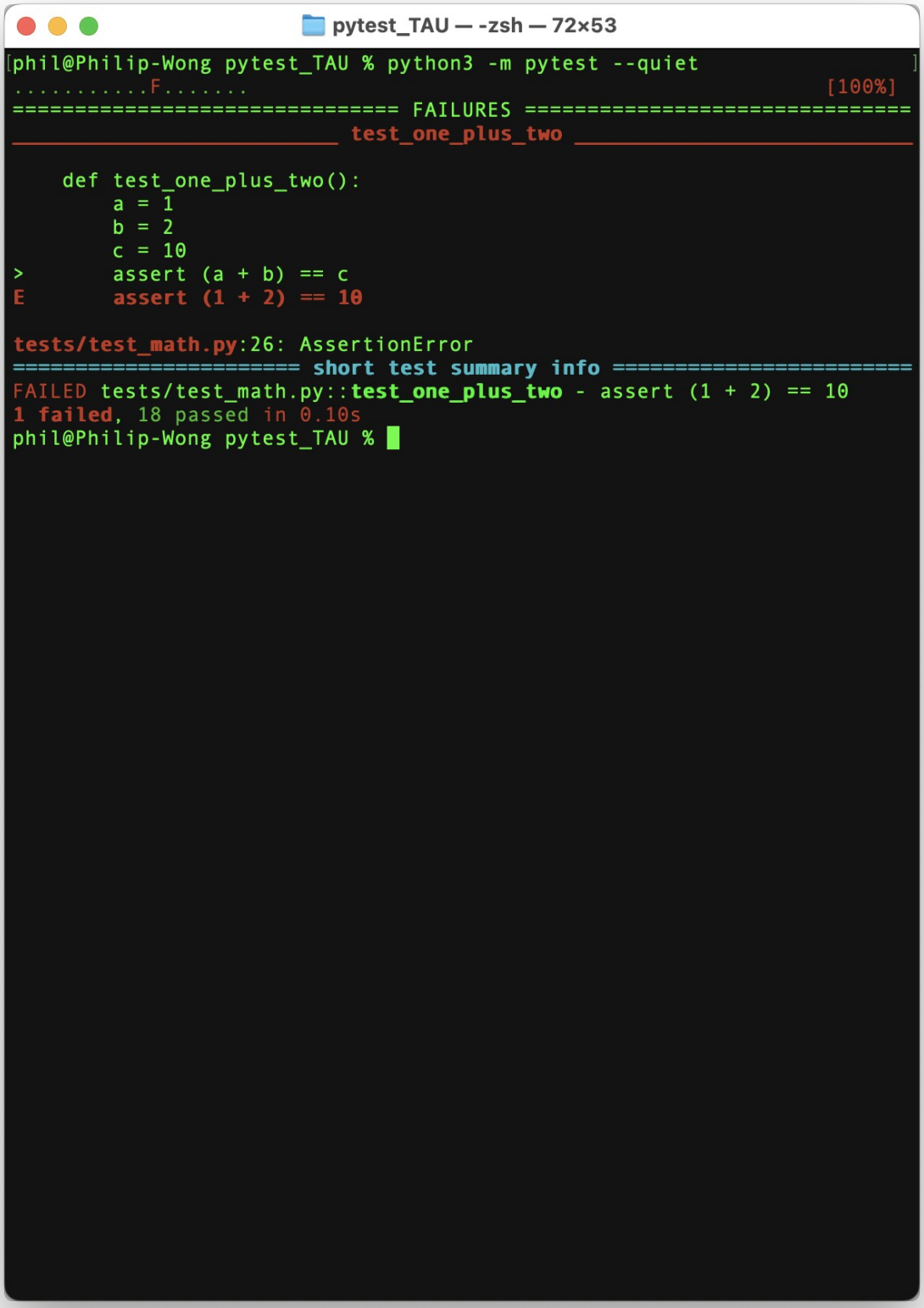
Chapter 5

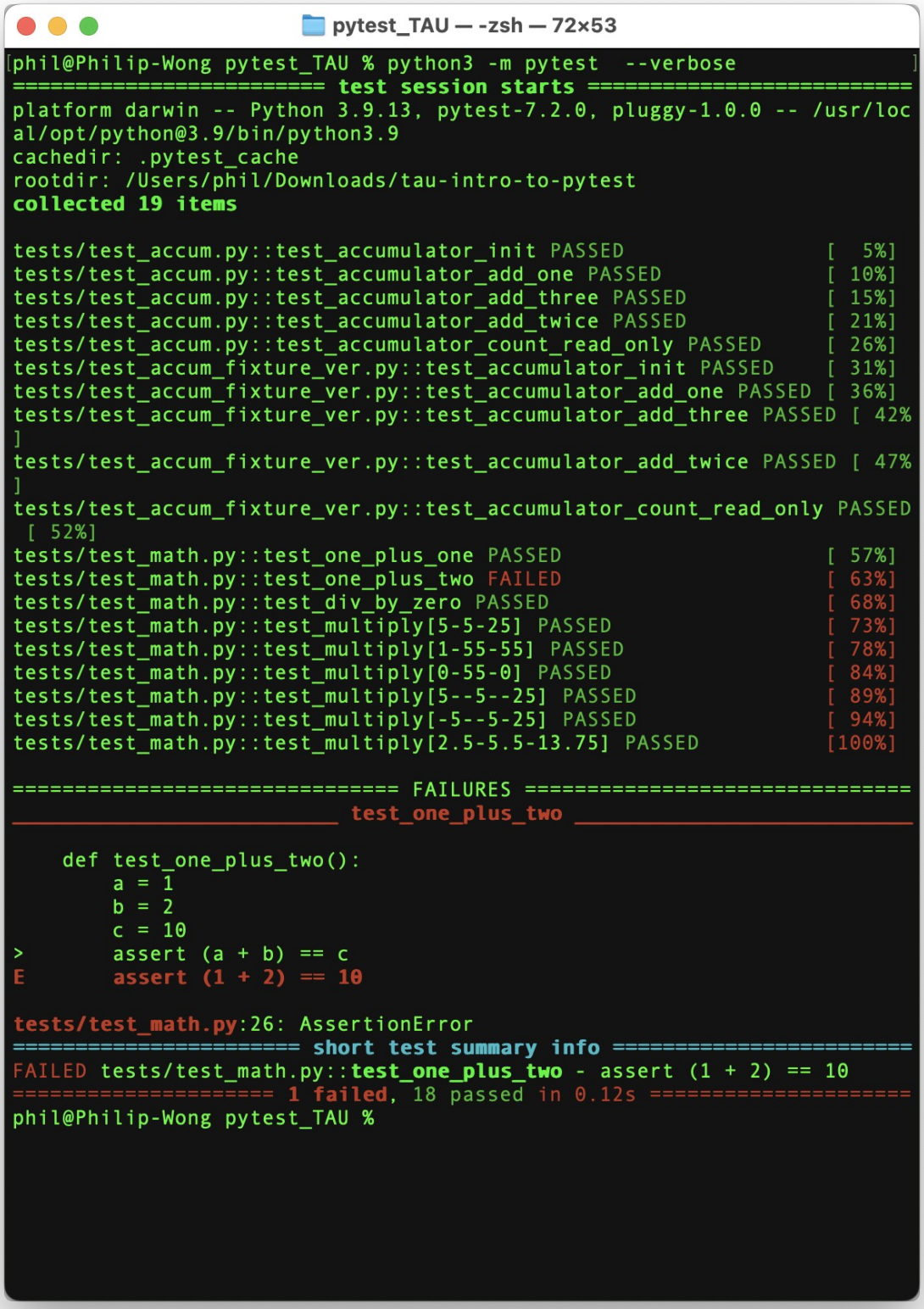


Chapter 6

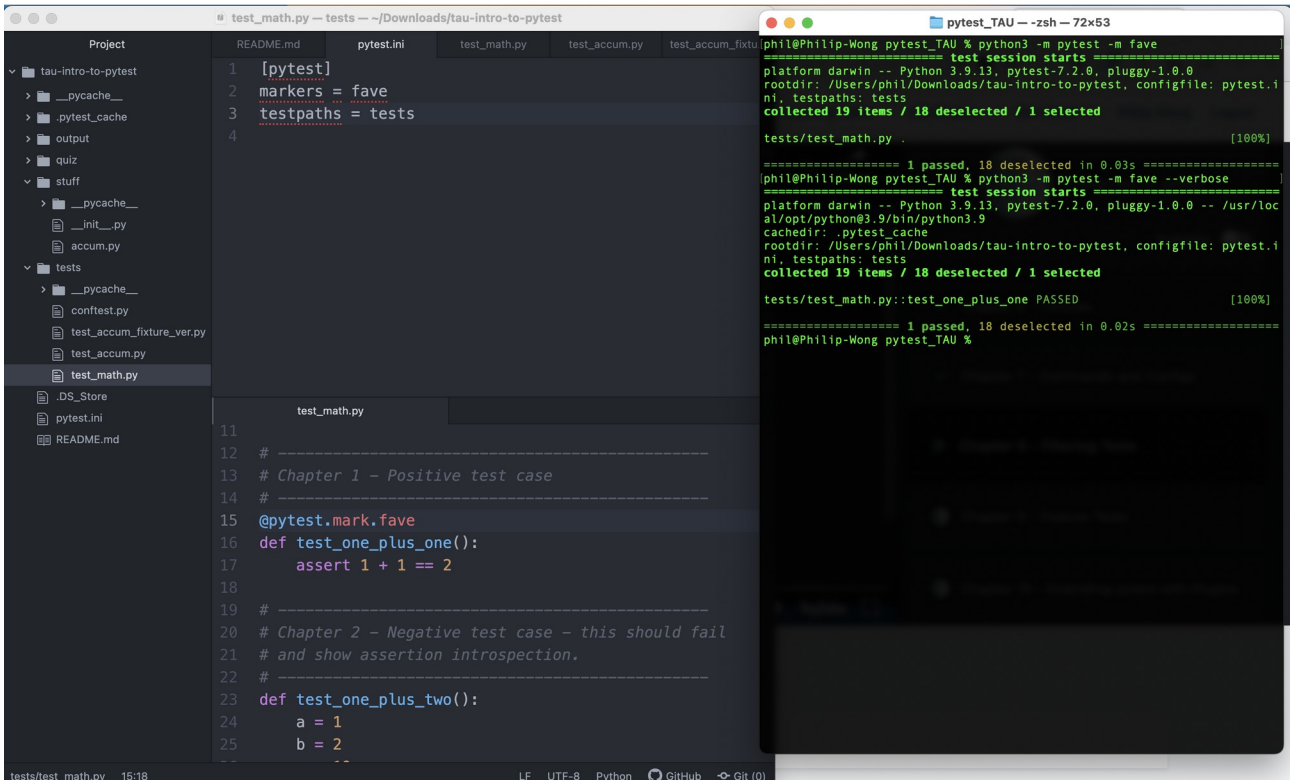

test_accum_fixture_ver.py — ~/Downloads/tau-intro-to-pytest
Project
README.md
test_math.py
test_accum.py
test_accum_fixture_ver.py
tau-intro-to-pytest
__pycache__
.pytest_cache
output
quiz
stuff
__pycache__
__init__.py
accum.py
tests
__pycache__
test_accum_fixture_ver.py
test_accum.py
test_math.py
.DS_Store
README.md
————————————————————————————————————
@pytest.fixture
def accum():
return Accumulator()
# ————————————————————————————————————
# Tests
# ————————————————————————————————————
def test_accumulator_init(accum):
assert accum.count == 0
def test_accumulator_add_one(accum):
accum.add()
assert accum.count == 1
def test_accumulator_add_three(accum):
accum.add(3)
assert accum.count == 3
def test_accumulator_add_twice(accum):
accum.add()
accum.add()
assert accum.count == 2
def test_accumulator_count_read_only(accum):
with pytest.raises(AttributeError, match=r"can't set attribute") as e:
accum.count = 10
tests/test_accum_fixture_ver.py 20:12
LF UTF-8 Python GitHub
pytest_TAU — -zsh — 72×55
phil@Philip-Wong pytest_TAU % python3 -m pytest
test session starts
platform darwin -- Python 3.9.13, pytest-7.2.0, pluggy-1.0.0
rootdir: /Users/phil/Downloads/tau-intro-to-pytest
collected 19 items
tests/test_accum.py .....
[26%]
tests/test_accum_fixture_ver.py .....
[52%]
tests/test_math.py .F.......
[100%]
FAILURES
test_one_plus_two
def test_one_plus_two():
a = 1
b = 2
c = 10
> assert (a + b) == c
E assert (1 + 2) == 10
tests/test_math.py:26: AssertionError
short test summary info
FAILED tests/test_math.py::test_one_plus_two - assert (1 + 2) == 10
1 failed, 18 passed in 0.12s
phil@Philip-Wong pytest_TAU %

Chapter 7

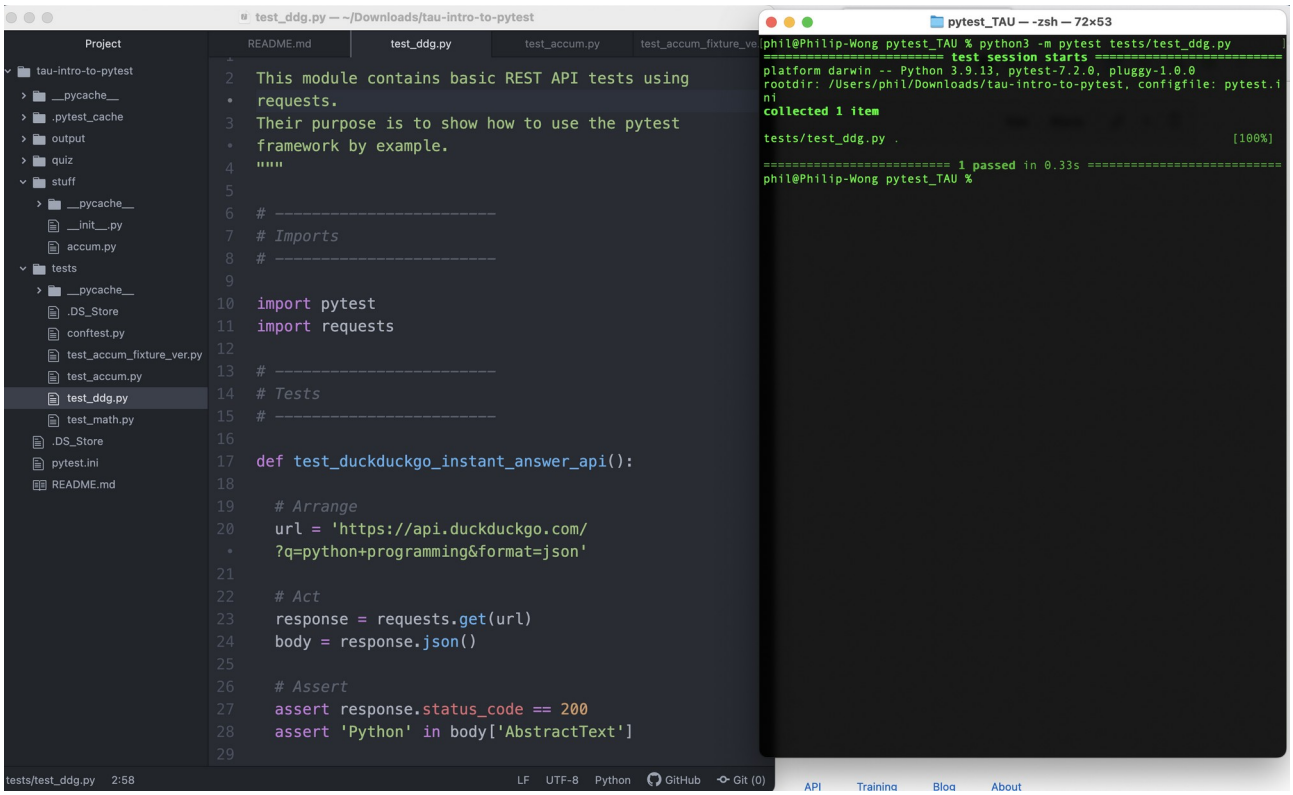

pytest_TAU — -zsh — 72×53
phil@Philip-Wong pytest_TAU % python3 -m pytest --quiet
.....F.....
[100%]
FAILURES
test_one_plus_two
def test_one_plus_two():
a = 1
b = 2
c = 10
> assert (a + b) == c
E assert (1 + 2) == 10
tests/test_math.py:26: AssertionError
short test summary info
FAILED tests/test_math.py::test_one_plus_two - assert (1 + 2) == 10
1 failed, 18 passed in 0.10s
phil@Philip-Wong pytest_TAU %


pytest_TAU — -zsh — 72×53
phil@Philip-Wong pytest_TAU % python3 -m pytest --verbose
========== test session starts ==========
platform darwin -- Python 3.9.13, pytest-7.2.0, pluggy-1.0.0 -- /usr/local/opt/python@3.9/bin/python3.9
cachedir: .pytest_cache
rootdir: /Users/phil/Downloads/tau-intro-to-pytest
collected 19 items
tests/test_accum.py::test_accumulator_init PASSED [5%]
tests/test_accum.py::test_accumulator_add_one PASSED [10%]
tests/test_accum.py::test_accumulator_add_three PASSED [15%]
tests/test_accum.py::test_accumulator_add_twice PASSED [21%]
tests/test_accum.py::test_accumulator_count_read_only PASSED [26%]
tests/test_accum_fixture_ver.py::test_accumulator_init PASSED [31%]
tests/test_accum_fixture_ver.py::test_accumulator_add_one PASSED [36%]
tests/test_accum_fixture_ver.py::test_accumulator_add_three PASSED [42%]
tests/test_accum_fixture_ver.py::test_accumulator_add_twice PASSED [47%]
tests/test_accum_fixture_ver.py::test_accumulator_count_read_only PASSED [52%]
tests/test_math.py::test_one_plus_one PASSED [57%]
tests/test_math.py::test_one_plus_two FAILED [63%]
tests/test_math.py::test_div_by_zero PASSED [68%]
tests/test_math.py::test_multiply[5-5-25] PASSED [73%]
tests/test_math.py::test_multiply[1-55-55] PASSED [78%]
tests/test_math.py::test_multiply[0-55-0] PASSED [84%]
tests/test_math.py::test_multiply[5--5--25] PASSED [89%]
tests/test_math.py::test_multiply[-5--5-25] PASSED [94%]
tests/test_math.py::test_multiply[2.5-5.5-13.75] PASSED [100%]
========== FAILURES ==========
test_one_plus_two
def test_one_plus_two():
a = 1
b = 2
c = 10
> assert (a + b) == c
E assert (1 + 2) == 10
tests/test_math.py:26: AssertionError
========== short test summary info ==========
FAILED tests/test_math.py::test_one_plus_two - assert (1 + 2) == 10
========== 1 failed, 18 passed in 0.12s ==========
phil@Philip-Wong pytest_TAU %

Chapter 8


test_math.py — tests — ~/Downloads/tau-intro-to-pytest
Project
tau-intro-to-pytest
__pycache__
.pytest_cache
output
quiz
stuff
__pycache__
__init__.py
accum.py
tests
__pycache__
conftest.py
test_accum_fixture_ver.py
test_accum.py
test_math.py
.DS_Store
pytest.ini
README.md
README.md
pytest.ini
test_math.py
test_accum.py
[pytest]
markers = fave
testpaths = tests
test_math.py
Chapter 1 - Positive test case
@pytest.mark.fave
def test_one_plus_one():
assert 1 + 1 == 2
# Chapter 2 - Negative test case - this should fail
# and show assertion introspection.
def test_one_plus_two():
a = 1
b = 2
tests/test_math.py 15:18
LF UTF-8 Python GitHub Git (0)
pytest_TAU — -zsh — 72×53
phil@Philip-Wong pytest_TAU % python3 -m pytest -m fave
test session starts
platform darwin -- Python 3.9.13, pytest-7.2.0, pluggy-1.0.0
rootdir: /Users/phil/Downloads/tau-intro-to-pytest, configfile: pytest.ini, testpaths: tests
collected 19 items / 18 deselected / 1 selected
tests/test_math.py . [100%]
1 passed, 18 deselected in 0.03s
phil@Philip-Wong pytest_TAU % python3 -m pytest -m fave --verbose
test session starts
platform darwin -- Python 3.9.13, pytest-7.2.0, pluggy-1.0.0 -- /usr/local/opt/python@3.9/bin/python3.9
cachedir: .pytest_cache
rootdir: /Users/phil/Downloads/tau-intro-to-pytest, configfile: pytest.ini, testpaths: tests
collected 19 items / 18 deselected / 1 selected
tests/test_math.py::test_one_plus_one PASSED [100%]
1 passed, 18 deselected in 0.02s
phil@Philip-Wong pytest_TAU %

Chapter 9



Chapter 10