

Activity 2: Deliverables

Code

Code is in the following file: `./src/activity_2/main.py`

Test Cases

Test cases are in the following file: `./src/activity_2/test_main.py`

Coverage Report

I used pytest and pytest-cov to generate the reports. Used the followign commands.

```
test:
    @echo "Make: Running tests..."
    @python -m pytest $(FOLDER)

test.coverage:
    @echo "Make: Running tests with coverage..."
    @python -m pytest --cov=src --cov-report=term-missing --cov-branch
    --cov-report=html --cov-config=.coveragerc $(FOLDER)
```

Results

```
> make test.coverage FOLDER=src/activity_2
Make: Running tests with coverage...
===== test session starts =====
platform darwin -- Python 3.13.3, pytest-8.3.5, pluggy-1.6.0
rootdir: /Users/ffekirnew/code/school/sqa-lab3
configfile: pyproject.toml
plugins: cov-6.1.1
collected 4 items

src/activity_2/test_main.py .... [100%]

===== tests coverage =====
coverage: platform darwin, python 3.13.3-final-0

Name                               Stmts   Miss Branch BrPart   Cover   Missing
-----
src/__init__.py                      0      0      0      0    100%
src/activity_2/__init__.py           0      0      0      0    100%
src/activity_2/main.py               8      0      6      0    100%
src/activity_2/test_main.py          7      0      0      0    100%
-----
TOTAL                               15      0      6      0    100%
Coverage HTML written to dir htmlcov
===== 4 passed in 0.05s =====
```