

## Exercise 6: Python: Unittests

In this exercise you will create the tests of one of the libraries of the previous exercises. For this exercise, partner with your colleagues from hw4 or hw5 and write the corresponding tests to check that the exercises in hw4.py and hw5.py work as you expect. You may use one of the Github repositories you created in hw4 or hw5 and bring the other file to the repository.

For this project each of the components of the group should do at least one commit. Pay attention to the commit messages and try to follow the best practices seen in class.

You need to do at least one Pull Request per group.

1. Use the repository you created for hw4 or hw5.
2. Copy hw4.py to the repository from hw5 or hw5.py to the repository from hw4 depending on which repository you used.
3. Create a folder called test in the root directory of the repository (same level where the library is, outside of the library folder).
4. Add tests for each of the functions in hw4.py. Remember that all the test files and test functions should start with “test\_” so they are executed with pytest command.
5. Add tests for each of the methods in the classes from hw5.py. Remember that all the test files and test functions should start with “test\_” so they are executed with pytest command.
6. Check for coverage using pytest and pytest-cov.
7. Share the link to the repository by turning in the assignment.