**Andre Neptune Jr**

**AI510**

**PE10: Programming Exercise**

**Instruction**

**Resource:**

* Noah G., Alfredo D. (2021). Practical MLOps. O’Reilly Media, Inc.
* pytest. (n.d.). pytest fixtures: <https://docs.pytest.org/en/6.2.x/fixture.html>

Your task for this Programming Exercise is to achieve a similar behavior as HOS10A but with the following changes

1. Implement “**multiply**” functions in both “class\_module.py” and “func\_module.py”. Be sure the functions are executed in the “main.py”.
2. Implement the multiply **test** functions for both “class\_module.py” and “func\_module.py” in the “tests” folder.

**Submit the items below to the PE submission page:**

1. The GitHub link of your PE10 contents.
2. Provide a 20 to 50 words analysis or thoughts on Python package and pytest from this module.
3. Make sure the PE module number and your name are written on the file name (e.g., "*PE01\_YourName.docx").*

*This exercise teaches how to organize Python code into reusable components using packages and modules, then test functionality with pytest. It helps ensure code works properly across different files, enhancing maintainability and scalability for larger projects*.