

SIT725

6.2D



TESTING

Intro

Testing, testing, testing—how can we maintain quality amidst changes? The answer lies in writing tests! This week's focus is on the importance of testing and how it contributes to software maintenance and quality assurance.

Instructions

Testing plays a crucial role in ensuring the reliability and functionality of software. It is a vital component that can demonstrate the HD (High Distinction) worthiness of your group project. Pay close attention as we delve into the world of testing and its significance in software development.

Part 1: Take advantage of the provided slides and actively participate in the practical session to gain insights into basic testing strategies. This will equip you with essential knowledge and techniques to design and implement effective tests for your software.

Part 2: Continuing from previous weeks, import your weekly project into a new repository. It's time to make the necessary modifications and incorporate testing into your project. Implementing tests will help verify the correctness of your code, identify potential issues or bugs, and enhance the overall quality of your software.

Note: Your submission should have at least 4 test cases. You can refer to the example we did in the workshop to get an idea but your code should be your own.

By applying testing practices to your project, you can proactively address potential problems, maintain code integrity, and ensure the robustness of your application. Embracing testing as an integral part of your software development process is a key step towards delivering a high-quality, reliable, and successful project.

Submission details and Delivery

- Once you are done, push your code into your repo. Pls follow the github guidelines given in Task 1.4P.
- Share your repo link and provide screenshots of the running code as evidence, convert it to .pdf and upload it to the OnTrack.

If you want to be sure, simply clone your repo. If you can clone it, I can clone it 😊

**Turnitin is enabled for all submissions in this unit. Please ensure that all your work is original and that you submit your own work throughout the trimester. **