Test 1

Programming is a foundational skill in computing, and it is important to understand this well before progressing to other units. The tests enable you to demonstrate that you have achieved the required knowledge and skills.

Tip

Do not worry overly about the tests. If you have achieved the learning goals from the previous pass tasks you will have no trouble in completing this test.

Learning Goals

To complete this task, you need to demonstrate that you can do the following:

- Work with Boolean data, including using comparisons and logical operators to form expressions that test give conditions.
- Use computational thinking to design and build programs that include branching and looping statements to implement a range of dynamic behaviours.
- Reflect on progress made and update plans to meet objectives and performance requirements.

Focus

- **Programming concepts:** Focus on showing your understanding of concepts from sequence and data, and control flow.
- **Programming process**: Focus on computational thinking and algorithm design.
- **Coding**: Focus on demonstrating you can write code that closely follows the grammar rules of the programming language.
- **Professional Characteristics:** Focus on being accountable for your progress and being able to reflect on, update, and follow your learning plan.

Your Task

You have the chance to complete a **practice** test and submit it for feedback, then sit the real Test 1 at a later date (as communicated by the Unit Chair).

For this task you will need to submit the following:

- A PDF document containing:
  - Completed practice test (optional)
  - Reflections on your progress
  - Updated learning plan

1. Complete a Practice Test

In this task we have provided a **practice** test that you can download. Submitting the completed practice test is optional, but recommended. You can access the practice test in the Task Resources in OnTrack.

The Unit Chair will communicate to you when the real test (Test 1) will be. Test 1 is not designed to trick you. We want to make sure you have developed the necessary knowledge and skills from the previous tasks. Test 1 will be similar to the downloadable practice test, so you can use your performance on the practice test to gauge how you are likely to perform on Test 1.

2. Reflect on your Learning Plan

At this point, it is a good idea to reflect on your progress and learning plan.

This unit is designed around modules. To obtain a Pass grade, you need to complete all core modules and related pass tasks. To achieve higher grades, you are required to complete all core modules, all pass tasks, and the corresponding higher grades' tasks to demonstrate your deeper understanding of the concepts you have learnt in this unit.

At the start of the trimester, you prepared your learning plan based on your target grade. As you complete Test 1, we want you to review your progress and your learning plan together with the teaching team. This will help ensure you are on track to achieving your target grade.

The following questions can be used as a guide as you **reflect on your progress**.

- Are you progressing well in the unit by completing the modules and submitting required tasks in line with your timeline?
- Do you need to change the Target grade? If yes, do you want to upgrade or downgrade the target grade? What is the reason?

Besides your reflection, also **update your Learning Plan**:

- Retrieve and review your learning plan from P1.
- Prepare an updated version of your learning plan to **show your progress** – highlight the tasks complete, and those submitted, and update your planned submission date for future tasks.
- If you decide to change your target grade, due to personal or academic circumstances, make sure to ***update the task dates to align*** with your new **target grade**.

3. Upload Your Submission

Once you have completed the practice test (optional), reflections and updated plan, login to OnTrack and mark the task as **Ready for Feedback**. Upload your submission and reflect on the unit focuses.

4. Sit the Real Test 1 and Test 2 in the Specified Weeks

Campus Students: Check your class timetable for the time and location of your test. Remember to bring your student ID card and writing material to the test.

Online Students: Your test will be available online. You will have a limited amount of time to complete the test once you start.

5. Engage with Feedback

When you receive feedback, your tutor will indicate if your test is **complete,** or if you have aspects you need to **Fix and Resubmit**. Where there are things that need to be addressed, the tutor will provide you with instructions on what you need to provide. You can resubmit your practice test answers along with the new details as requested.