

Test 2

Programming is a foundational skill in computing, and it is important to understand this well before progressing to other units. The tests provide a means of you demonstrating 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:

- Build programs that make use of structured programming concepts, functions and procedures, structured data, and arrays.

Focus

- **Programming concepts:** Focus on demonstrating you can build programs that include everything up to and including the arrays module.
- **Programming process:** Focus on showing you can design and code small programs using the programming tools covered in the unit.
- **Syntax:** Focus on showing you can write code that closely follows the grammar rules of the programming language.
- **Professional characteristics:** Focus on showing you can respond under time pressures, to complete the required task on your own within the allotted time, and that you can take accountability for your performance and address any gaps in subsequent resits if needed.

Your Task

Complete a practice test and submit it for feedback, then sit the real test (Test 2) at a later date (as communicated by the Unit Chair). Use this to test and validate your understanding.

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 2) will be. Test 2 is not designed to trick you. We want to make sure you have developed the necessary knowledge and skills from the previous tasks. Test 2 will be like the practice test, so you can use your performance on the practice test to gauge how you are likely to perform on Test 2.

Once you have completed the practice test, login to OnTrack and mark the task as **Ready for Feedback**. Upload your test answers, and reflect on the unit focuses (Syntax, Programming Process, and Programming Concepts) and how these related to what you have demonstrated.

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.

In Test 1 you reflected on your progress and updated your learning plan. This is a similar checkpoint, as we now approach the end of the unit. 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 the unit 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**:

- Review and update your learning plan submission from P1. Please update your learning 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 **align task date** 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

Campus Students: Check your class timetable for the time and location of your test. Remember to bring your 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. After your test is complete, you will need to attend an interview on campus (for student enrolled in their course on campus) or online (only for those with an online course enrolment).

5. Engage with Feedback

You will receive feedback after completing the real test. When you receive feedback, your tutor will indicate if your test is **Complete**, or you have aspects you need to **Fix and Resubmit**, or if you need to **Redo** the test. There are different things you need to undertake, Depending on the status of the task:

- **Complete:** You have finished Test 2 to the required standard. You do not need to sit this test again. Focus on your other tasks.
- **Fix and Resubmit:** You are close to complete. Your tutor will provide you with instructions on what you need to provide. Once you have addressed your tutors feedback, resubmit your practice tests answers along with the new details as requested.
- **Redo:** Your answers indicate that you need to revise part of the unit and attempt the test again. On campus students can sit the test in weeks 7, 9, and 11, while online students have two opportunities to sit the test and its associated interview between weeks 7 and 11.

Tip

If you need to redo the test, make sure to go back and revise the tasks associated with the area where issues were identified. You should discuss

this with your tutor and make use of the various supports available to help you learn in the unit.