

Task 7 Student Task Sheet: Programming Practical Test

Task 7: Programming Practical Test - Unit 4 - 7.5%

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Assessment Details

Item	Details
Course	Year 12 Computer Science General
Unit	Unit 4
Assessment type	Practical test
Weighting	7.5%
Raw mark total	30 marks
Timing	Term 3 Week 9
Test window	Monday 14 September to Friday 18 September 2026
Duration	50 minutes

What You Will Do

You will complete a short programming practical test. The test will give you a scenario and may include starter code, an algorithm segment, a trace table, a test table or a code segment that contains errors.

You will be assessed on how well you can build, test, debug and explain a simple programming solution.

Required Evidence And Mark Allocation

The test is marked out of **30 marks**.

Section A: Program Understanding And Design

Description	Marks
Identifies the required inputs, processing and outputs from the scenario.	1-3
Selects suitable data types for the main values used by the program.	1-2
Uses meaningful variable names that suit the scenario and values stored.	1-2
Provides a clear algorithm plan using pseudocode, a flow chart or structured code comments.	1-3
Subtotal	10

Section B: Program Construction

Description	Marks
Constructs a program that accepts the required input values.	1-2
Constructs processing that correctly uses assignment, calculations or comparisons.	1-3
Applies sequence so instructions run in a logical order.	1-2
Applies selection so the program makes at least one meaningful decision.	1-3
Applies iteration so part of the program repeats appropriately.	1-3
Produces clear output that is useful for the scenario.	1-2
Subtotal	15

Section C: Testing, Debugging And Documentation

Description	Marks
Selects and applies suitable normal, boundary and/or invalid test data.	1-2
Uses a trace table or desk check to show how values change through part of the algorithm.	1-2
Identifies or corrects a syntax, run-time or logical error.	1
Provides brief internal or external documentation explaining important code or logic.	1
Subtotal	5
Total	30

Test Conditions

- The test is completed individually.
- The test is supervised.
- You have 50 minutes.

- You may use the approved programming environment supplied by the teacher.
- You may use any teacher-provided starter file or code segment.
- You may not use unapproved internet resources, messaging, generative AI, copied code or another student's work during the test.
- Submit your final evidence through the LMS before the end of the test period.

File Naming

Use this naming pattern:

`CSCGT_Task7_2026_Surname_FirstName`

Use the correct file extension for your programming environment.

Before You Submit

Check that:

- your program or code file opens
- the program includes input, processing and output
- the program includes selection and iteration
- your variable names are readable
- your test evidence is complete
- your trace table or desk check is complete
- your LMS upload includes every required file