

Task 7 Complete Student Package

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

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Task Overview

Task 7 is a supervised programming practical test. You will complete a short programming task in 50 minutes and submit your final evidence through the LMS.

What The Task Assesses

- data types
- variables and naming conventions
- source code
- sequence
- selection
- iteration
- test data
- trace tables
- debugging
- brief documentation

Mark Allocation

Criterion	Marks
Program understanding and design	10
Program construction	15
Testing, debugging and documentation	5
Total	30

Required Evidence

Submit:

1. your final program file or approved programming environment export
2. your completed test evidence
3. your completed trace table or desk check
4. any brief documentation or comments required by the test paper

Preparation Guide

Read The Scenario

Mark inputs, processing, outputs, decisions and loops before coding.

Build Small

Get one input, calculation and output working first. Add selection after the basic path works. Add iteration after one cycle works.

Test Often

Use normal data, boundary data and invalid or unexpected data. If your program does not handle invalid data, state that clearly as a limitation.

Trace Logic

Use a trace table to follow values through a loop or decision. Trace tables are especially useful for counters and boundary conditions.

Submission

Use this naming pattern:

`CSCGT_Task7_2026_Surname_FirstName`

Prepared for Task 7: Task 7 Complete Student Package.