Assessment Brief for Programming in C
Tents and Trees (2D Arrays)

Unit name	Programming in C
Unit code	COMSM1201
Assessment number	2
Assessment name	2D Arrays (Tents and Trees)
Assessment prepared by	Neill Campbelolo
Assessment type	Coursework
Credit value	**20%** of 30cp unit
Expected time to complete	1 week, approximately
Submission format	File submissions via Blackboard. You can submit multiple times and only the last one is marked. Late submissions (even 1 second) automatically incur a penalty, which we cannot override. Feedback will not show the penalty.
Deadlines	24th October 2025 (Friday Week 5) @ 13:00
Deliverable	One file called *tt.c* - make sure this is spelled correctly and has been compiled on a lab machine without warnings.
Learning outcomes being assessed	• To be able to write a program, given a brief specification that compiles and executes correctly. • To be able to convert a simple algorithm into working code. • The ability to program in the C99 C standard, and in the style outlined in the house style guidelines. • To be able to build a program from a suite of small, well tested functions. • To be able to debug simple programs on your own.
Assessment criteria	Your code must pass assertion tests (those given, and others which are reasonable) and follow the house style guidelines with clear, readable functions.
Academic integrity	Your submission must be **entirely your own work**. Copying from AI, other students, or external sources counts as plagiarism and will be treated as cheating under University policy.
Additional resources	Previous week 3/4/5 exercises.
Support for this assignment	6 hours of labs in week 5.
Additional advice to students	Use the house style guidelines! You're being asked to code three functions, but use well-tested helper functions to assist with this. Write tests *before* you code (consider any edge cases).
Feedback mode/method	Brief written feedback from Neill, and any verbal feedback given during lab sessions.
Planned feedback date	Aim to provide feedback before the next assignment is due.
Useful previous feedback	-
Future feedback use	Next assignment (Searching)