

ELE31EMP: Embedded Processors: Mark Sheet

Embedded C Laboratory 1: C Programming Revision

Date	Time

Student Number	Surname	Given Names

Question/Task	Demonstrator's Comments	Dem's Initials	Mark /10
2.1. Logged into own account on Windows.			
3.3. Created subdirectory for C Lab 1, e.g. " H:\ele31emp\labs\C1 ".			
3.4. Working "hello world" program.			
3.5. Saved program 1 as " hello.c " in appropriate subdirectory.			
4.1. Program 2 reads integers R1 and R2.			
4.2. parallel function calculates R1 R2.			
4.3. R _p = parallel (R1, R2).			
4.4. Output R _p to screen.			
4.5 Saved program 2 as " parallel.c ".			
5.1. Array of 3 (typedef) structures of int and double .			
5.3. Function 1: Read an int and store into 1st struct's int .			
5.4. Function 2: Convert int to double , store in 1st struct's double .			
5.6. Function 3: sqrt (1st double), convert to int , store both in 2nd struct.			
5.7. Function 4: sine (2nd int), store in 3rd struct's double .			
5.9. Function 5: ceil (3rd double), convert to int , store in 3rd struct's int .			
5.10. Function 6: Print array.			
5.11. Loop in main program to read and process repeatedly.			
5.12. Function 7: Same loop.			
5.13. Run program with integers 0 to 9 as input.			
5.14. Saved program 3 as " struct.c ".			
Total mark / 200			