COMP10002 Foundations of Algorithms
Semester 2, 2013
Assignment 1 – Marking Rubric

User Name:

Marking Rubric   Determine which stage the student has reached, by looking at their output, and circle the corresponding column heading. Then indicate deductions and earnings by circling the elements on the left, keeping within the limits implied by the stage-column totals.

	Stage 1	Stage 2	Stage 3	Stage 4
Program presentation, style, layout, formatting, readability, care.				
Deductions include for: [lines >80 chars 0.5] [inconsistent indentation 0.5] [inconsistent bracket placement 0.5] [insufficient commenting 0.5] [excessive commenting 0.5] [lack of whitespace (visual appeal) 0.5] [bad choices for variable names 0.5] [bad choice for type names, including no _t 0.5] [bad choice for function names 0.5] [use of magic numbers 0.5] [#defines not in upper case 0.5] [absence of function prototypes 0.5] [unnecessary warning messages in compilation 0.5] [no authorship statement 0.5] [use of external code without attribution 1.0]				
Bonus marks given back for: [use of assert 0.5] [comment that says "algorithms are fun" 0.5] [overall care and presentation 0.5]	/ 4	/ 5	/ 7	/ 7
Approach used, decomposition into functions, use of appropriate parameters to functions, use of appropriate struct and typedef declarations.				
Deductions include for: [insufficient use of functions 1.0] [global variables 0.5] [inappropriate structs 0.5] [avoidance of structs 0.5] [avoidance of typedefs 0.5] [unnecessarily complex parameter lists 0.5] [functions too long or too complex 0.5] [duplicate code segments 0.5] [overly complex approach 0.5]	/ 2	/ 2	/ 4	/ 4
Program compilation and execution, correctness of output. Each type of error exposed by the test data should be penalized only once.				
Marks awarded for: [correct Stage 1 output on test1.txt 1.0] [correct Stage 1 output on test2.txt 1.0] [correct Stage 2 output on test2.txt 0.5] [correct Stage 2 output on test3.txt 0.5] [correct Stage 3 output on test3.txt 0.5] [correct Stage 3 output on test4.txt 0.5] [correct Stage 4 output on test4.txt 1.0] [correct Stage 4 output on test5.txt 1.0] [Failed compilation: no marks awarded] [No output (including execution failure), or output that does not match the expected output (small discrepancies excepted): no marks awarded]	/ 2	/ 3	/ 4	/ 6
Total	/ 8	/ 10	/ 15	/15