COMP10002 Assignment 2 Feedback: renjiem

Program Presentation

Including: layout and style, readability, adherence to coding expectations, general care and appearance.
Some subset of the following lines will be retained by the marker.

- Stage 1 initial allocation, +4;
- Stage 2 initial allocation, +1;
- Stage 3 initial allocation, +0;

Deductions

Some subset of the following lines will be retained by the marker. Marks in each section won't go below zero.

- use of magic numbers, -0.5;
- lack of whitespace (visual appeal), -0.5;
- other stylistic issue (minor), -0.5;

Additions (included in total mark only if marks lost within this first section)

- comment at end that says "algorithms are fun", +0.5;

Other Comments from Marker

Other issue refers to not asserting after you malloc()

Structure and Approach

Including: decomposition in to functions, development of data structures and declaration of them at the appropriate locations, choice of parameters to functions, use of appropriate struct and typedef declarations, choice of algorithms or methods, overall flow and high-level readability.

Some subset of the following lines will be retained by the marker.

- Stage 1 initial allocation, +3;
- Stage 2 initial allocation, +3;
- Stage 3 initial allocation, +1;

Deductions
Some subset of the following lines will be retained by the marker. Marks in each section won't go below zero.

- main program too long or too complex, -1.0;
- duplicate code segments, -0.5;

Other comments from marker:

Program Execution

Including: compilation, execution on test data, output presentation and readability.
Programs that do not compile in the test environment will lose all marks in this section. Be sure to verify your submission and **check the output** before you say "finished" to yourself.

Some subset of the following lines will be retained by the marker.

- Stage 1 initial allocation, +1;
- Stage 2 initial allocation, +1;
- Stage 3 initial allocation, +1;

Deductions

Some subset of the following lines will be retained by the marker. Marks in each section won't go below zero.

- other execution-time issue not already captured, -0.5;

Overall Mark: 12.0

Overall comments from marker:

Well done, your output was percect however after one of the tests you had an execution time error. Your code was well written and your use of functions was good. Make sure you always check the return value of malloc()/realloc(). Your code could also use some better variable names/more whitespace.

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