COMP10002 Assignment 2 Feedback: xuliny

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.

- 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;
- overall care and presentation, +0.5;

Other Comments from Marker

Other issue refers to realloc()ing incorrectly.

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.

- other structural issue (minor), -0.5;

Other comments from marker:

Other structural issue refers to not assert()ing after each malloc()/realloc() call.

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.

Overall Mark: 14.5

Overall comments from marker:

Great job! Unfortunately your code Seg Faulted on one of the tests. That being said, I really liked how
you broke your program up into manageable functions, it was easy to read and there was minimal
duplicate code!

Remark Notes (with regards to the seg faults):

Seg faults no more occur on the repaired well-formatted data. Well done. Note that mark has been
changed accordingly.

Assignment Marker: Tobias
Subject Coordinator: Alistair Moffat, ammoffat@unimelb.edu.au