

Proficiency Test Midterm Practice

Start with the code in `~lliang/cs162/proficiencyTestPractice/midterm`. You will want to copy it into a directory of your own.

File `supplied.o` contains binary code that can build, and display an array.

For this test, you will need to write the following functions in `array.cpp`, add function prototypes for them to `array.h` and invoke the functions in `main.cpp`. You should label the output of your test, such as “the list after insertion: ” etc.

- `int numOfEven(int list[], int size)`
compute and return the number of even integers in list
- `int insert(int list[], int& size, int newInt, int position)`
insert `newInt` into the list at index “position” and update the size of the list

Create a makefile for the project and build it. Please don’t forget the `supplied.o` when generating the executable.

For test submission, copy the above function implementation into `solution.txt`, then append the output of the app to the file. ftp `solution.txt` to your local machine and upload it to the Desire2Learn Assignment dropbox.

`./main >> solution.txt //assuming the executable is called main`