

- Review the code examples from class.
- The office hours of the TAs and the instructor are on the class website. Visit us!
- **NOTE:** Every function comment section should contain, at a minimum, *three examples* of the function being called and the result of evaluating the call. Your test files must cover *at least* these exact examples (otherwise, why did you choose them?) and possibly more. Testing is important.
- **Every** .c you write or modify must be demonstrated by running on several test cases and submitting the resulting script file.

## Problems

1. Copy the bubs\_lab.c file from the class website into your lab11 directory. Fill in the missing code (note: feel free to use the matlab bubble sort code as a template).
2. Copy the convert\_lab.c file from the class website into your lab11 directory. Convert the 'while' loop to a 'for' loop where the loop runs for five times. Format of the for is:

```
for (i = initial_i; i <= i_max; i = i + i_increment)
{
...block of statements...
}
```

3. Copy the square\_lab.c file from the class website into your lab11 directory. Add a function which performs cube of a number. Donot forget to add the prototype, function call (and the function definition).

If your TA requires a paper copy, be sure that you have a printed copy of your C files, script files demonstrating your testing. All must be stapled together, with your name and lab section on the top page.

Be sure that you upload a copy of all the files to Sakai. Then, click submit **ONLY ONCE** to send these to your Sakai and your TA.

**On the first page of every printed copy for this course, your name, section, and TA's name must appear.**