

Administration –

Assignments are manually graded. Please comment out any code that prevents your submission from compiling. You may not work together on assignments.

To test run `./test`. When you are done run `./submit`.

You may submit as many times as you like.

Worksheets are graded automatically. You may resubmit as many times as you like, and you may work together.

You must either use PuTTY or ssh to connect to `elinux.cs.umass.edu`

This is how you will do all of your work.

Your username and password are the same as you use to log into the computers in the classroom.

The default password is `ELxxxxyy` where `xxx` is the last 3 numbers in your student id number and `yyy` is the first three letters of your username.

If you fail to connect try connecting to `elinuxD.cs.umass.edu` where `D` is one of `1,2,3,4` or `7`.

Vim –

When you open a file in vim you are in control mode. You cannot type in control mode.

To exit control mode press `i`. You are now in insert mode.

When you are done editing the file return to control mode by pressing `esc`.

To save the file type `:wq` and press enter. This will save and quit the file.

To quit the file without saving type `:q!`

C –

C syntax is very similar to Java syntax. The most noticeable differences are in the main function.

In C the main function returns an int. This is called the exit status. 0 means that the program executed correctly. Any other number means that an error occurred. You can see the exit status of any command by typing `echo $?`

The main function takes two arguments and `int argc`, and a `char * argv[]`.

`argv` is the list of command line arguments. `argc` is the length of `argv`.

The first element in `argv` is almost always the name of the command used to run the program.

Another notable difference is that in C you cannot type

```
for(int i=0;i<5;i++)
```

Instead you must declare `i` beforehand, e.g.

```
int i;
```

```
for(i=0;i<5;i++)
```