

How to write your code on emacs and compile your code remotely on Unix server

1. Make sure you have X-Win32 installed on your local machine. You can download X-Win32 from myandrew webpage (<https://www.cmu.edu/myandrew/auth/q?doc=software/alphalist.html>)
2. Open X-Win32. Click on the Display tab, then click Copy to copy the ip number of your local machine.
3. Open telnet and sign in. On the prompt type

```
% setenv DISPLAY <your ip number>:0
```

So, if your ip number is 123.123.123, type

```
% setenv DISPLAY 123.123.123:0
```

4. Change directory to your working directory using command "cd".

```
% cd <directory location>
```

5. To open xterm, type

```
% xterm&
```

The "&" sign will let you type more commands later. If you didn't include it, you will not be able to type anymore command unless you close your opened xterm window.

6. To open emacs, type

```
% emacs&
```

Emacs is a text editor. You can write your code here and save it directly on your working directory.

Some options on emacs that you might want to setup:

- a. Adding syntax colors: Options-> Syntax Highlighting-> Colors
- b. Showing line numbers on the frame: Options-> Frame Appearance-> line numbers
- c. Save your options: Options -> Save options

7. To compile and run your code. Type these on your xterm window:

- a. JAVA

```
% javac <filename>.java ← Compile your code
```

```
% java <filename> ← Run your code
```

- b. C++

```
% g++ <filename>.cpp -o <output file> ← Compile your code
```

```
% ./<output file> ← Run your code
```

- c. C

```
% gcc <filename>.c -o <output file> ← Compile your code
```

```
% ./<output file> ← Run your code
```