

MIT-IIT Robotics Program

Git Setup, Terminal Review, Debugging Practice, Practice, Practice!



May 31, 2017



GitHub

- Stores all your files online
- Keeps track of all the changes you make to your files
- Allows multiple people to easily work together on the same project.

Lab Time!

Terminal - Review and Protips

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 - Not sure which folder you are in? Use **pwd** (print working directory)
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- FILE NAMES are important!!
 - You'll be making a LOT of files for all your different programs. Choose **USEFUL** names for the file that will help you find them later! (e.g. day2_maxint.cpp, day2_marks.cpp)
 - Do NOT use SPACES in the name of your file. Use underscore (_) instead.
 - "day 2 max int.cpp" is BAD. Terminal will be confused when you type a file name with spaces.

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- Learn to read ERROR MESSAGES!

For Loop

```
for (int i = 0; i < 10; i++)  
{  
    cout << i << endl;  
}
```

While Loop

```
int i = 0;  
while ( i < 10)  
{  
    cout << i << endl;  
    i++;  
}
```