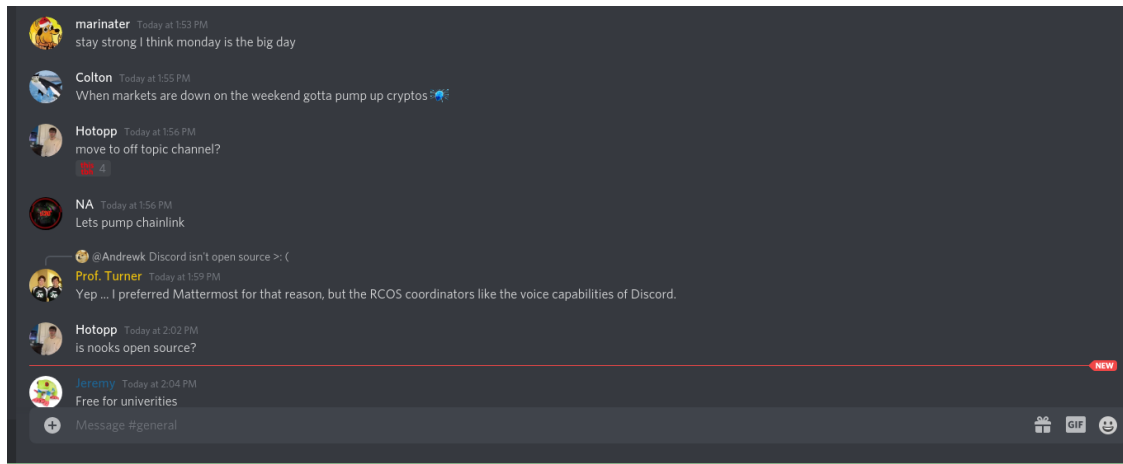


# Lab 01 Report - Introduction to Open Source Software

1.



2. a. If you are asking a technical question, post a replit/codepen of a minimum reproducible example so that people reading your question can debug your code.  
b. Develop relationships and make friends you know in real life because they are far more likely to put up with you asking questions like a "luser" every once in a while.
3. I think that if something like this happened today, it would definitely play out differently, and he could have kept his \$12000. I'm pretty sure courts would side with him. I think his situation is analogous to how the bittorrent protocol protected pirates for a long time in the heyday of thepiratebay and KAT (no longer the case) under the logic that these public trackers were not themselves hosting the pirated material and therefore not liable for its distribution. I'm also suprised by the fact that RPI allowed a student to index all the files on the RPI network and expose them to the public. That probably wouldn't fly today. This chapter made me pretty sad that he didn't fight the lawsuit. It also serves as a reminder of the unfortunate role money plays in law and politics.
- 4.

```

File Edit View Search Terminal Help
→ lab-01 (master) x tree --help
usage: tree [-acdfghilnpqrstuvxACDFJQNSUX] [-H baseHREF] [-T title]
        [-L level [-R]] [-P pattern] [-I pattern] [-o filename] [--version]
        [--help] [--inodes] [--device] [--noreport] [--nolinks] [--dirsfirst]
        [--charset charset] [--filelimit[=#]] [--si] [--timefmt[=<f>]]
        [--sort[=<name>]] [--matchdirs] [--ignore-case] [--fromfile] [--]
        [<directory list>]

----- Listing options -----
-a          All files are listed.
-d          List directories only.
-l          Follow symbolic links like directories.
-f          Print the full path prefix for each file.
-x          Stay on current filesystem only.
-L level    Descend only level directories deep.
-R          Rerun tree when max dir level reached.
-P pattern  List only those files that match the pattern given.
-I pattern  Do not list files that match the given pattern.
--ignore-case Ignore case when pattern matching.
--matchdirs Include directory names in -P pattern matching.
--noreport  Turn off file/directory count at end of tree listing.
--charset X Use charset X for terminal/HTML and indentation line output.
--filelimit # Do not descend dirs with more than # files in them.
--timefmt <f> Print and format time according to the format <f>.
-o filename Output to file instead of stdout.
----- File options -----
-q          Print non-printable characters as '?'.
-N          Print non-printable characters as is.
-Q          Quote filenames with double quotes.
-p          Print the protections for each file.
-u          Displays file owner or UID number.
-g          Displays file group owner or GID number.
-s          Print the size in bytes of each file.
-h          Print the size in a more human readable way.
--si        Like -h, but use in SI units (powers of 1000).
-D          Print the date of last modification or (-c) status change.
-F          Appends '/', '=', '*', '@', '|' or '>' as per ls -F.
--inodes    Print inode number of each file.
--device    Print device ID number to which each file belongs.
----- Sorting options -----
-v          Sort files alphanumerically by version.
-t          Sort files by last modification time.
-c          Sort files by last status change time.
-U          Leave files unsorted.
-r          Reverse the order of the sort.
--dirsfirst List directories before files (-U disables).
--sort X    Select sort: name,version,size,mtime,ctime.
----- Graphics options -----
-i          Don't print indentation lines.
-A          Print ANSI lines graphic indentation lines.
-S          Print with CP437 (console) graphics indentation lines.
-n          Turn colorization off always (-C overrides).
-C          Turn colorization on always.
----- XML/HTML/JSON options -----

```

Exercise 7: Extracting Data From Log Entries

Task	Text	Capture Groups
Skip	W/dalvikvm( 1553): threadid=1: uncaught exception	
Skip	E/( 1553): FATAL EXCEPTION: main	
Skip	E/( 1553): java.lang.StringIndexOutOfBoundsException	
Capture	E/( 1553): at widget.List.makeView(ListView.java:1727)	<div>makeView ✓</div> <div>ListView.java 1727 ✓</div>
Capture	E/( 1553): at widget.List.fillDown(ListView.java:652)	<div>fillDown ✓</div> <div>ListView.java 652 ✓</div>
Capture	E/( 1553): at widget.List.fillFrom(ListView.java:709)	<div>fillFrom ✓</div> <div>ListView.java 709 ✓</div>


5.

[Continue >](#)

Solve the above task to continue on to the next problem, or read the [Solution](#).

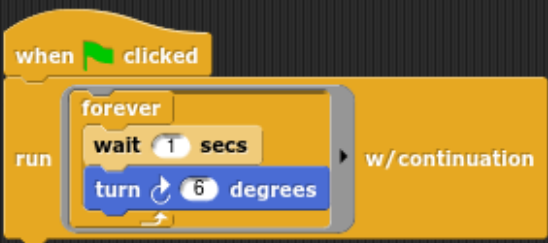
Next - [Problem 8: Parsing and extracting data from a URL](#)  
 Previous - [Problem 6: Trimming whitespace from start and end of line](#)

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6. 

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 7 puzzles solved  
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7. 

I made the minute hand of a clock

8. I want to evaluate Rocket.rs, an open source web server written in rust. I also know what project I want to work on; google doesn't accumulate granular menu data in google maps, and Grubhub/Uber-Eats etc. do not currently have a public API. I want to build a user-contributed database of menu items. I have already put considerable work into this project and am a few weeks from having a MVP.