

## Basic Commands Lab

Ah yes, commands!

Alright. So after viewing our slides, you should be able know the basic gists of what certain commands do and when to use them. Now put your knowledge to the test with these 10 exercises. I will ask you to do a certain task on your image, and you will try to parse out what I'm telling you to do so that you run the correct commands on the computer.

Sidenote: As you use commands more and more, make sure to test yourself on whether or not you know what command to use. Remember, if you want to get better and do better at competitions, your technical skills and knowledge should be on point!

1. Make a file called `beepbeep` in your home directory. Refer to it using an absolute file path. (Hint: `~`)
2. Edit the file so that its contents are the message "Hello world!" on one line.
3. Output the contents of `beepbeep` onto the terminal. Try doing so with a relative file path this time.
4. Search `beepbeep` for the term "Hello." The line "Hello world!" should show up in the output.
5. Open up the `/etc/passwd` file and see its contents. **Don't edit this file!!**
6. Check out what files are in your home directory. What do you see?
7. Move your `beepbeep` file to `/tmp`. Refer to the files/directories using absolute paths.
8. Now copy your `beepbeep` file back into your home directory, this time using relative paths.
9. Change your directory so that you are in the `/etc/ssh` directory.
10. Try to copy your `beepbeep` file here. Use whatever path type you want. (Hint: `cp`)

And that's all folks!