Project 3

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1 Introduction

The purpose of this project is to learn how to find files in a particular folder.

2 Command

The command I ended up using for this was

```
find . -name "oski*.*" -print "%f\n" > results.res
```

2.1 Find

The command `find` is followed by a folder path.

2.2 Options

The two options used were `-name` and `-printf`. The option `-name` requires, as an input argument, the name of the file you're looking for in double quotes. Here I used * (wild card) to tell it I wanted to find a file with any extension whose filename started with `oski`. The option `-printf` was used with the argument `%f\n` to tell it to print out 1) just the filename (`%f`), and 2) print each file's name on a different line (`\n`). The rest of the command `> results.res` just places those results in the .res file for storage and/or later use.

3 Process

To complete these tasks and best determine which functions and options to use, I would repeat the following process.

1. Review the command's help with `command --help`

2. Review the command's doc on gnu.org.

3. Do a Google search within the gnu.org domain searching for 'gnu.org: search pattern'

4. Do a Google search within the stackoverflow.com domain

5. Search Google, letting Google find the best results

6. Contact someone else for help or advice

References

[1] MacKenzie, D., Youngman, J. (2019). *Finding Files*. Free Software Foundation. https://www.GNU.org/software/findutils/manual/find.pdf