**Finding Your Way**

* The first step is to navigate into the /03-student/day2/finding\_your\_way/PeanutButtery.net/ folder on your VM. To complete this, run the following command:
  + cd /03-student/day2/finding\_your\_way/PeanutButtery.net/
* The next step is to find all directories that have the word "secret" in their name. To do this, run:
  + find -type d -iname \*secret\*
    - find: The command-line command.
    - -type: The option for specifying whether you're searching for a file or a directory.
    - d: The required parameter for the -type option, indicating you're searching for a directory.
    - -iname: The option indicating you're searching for a specific case-insensitive value.
    - \*secret\*: The parameter indicating the value you're searching for. The two wildcards indicate that the value secret can be located anywhere in the file name.
* When you run the command, the results should return the following directory path containing the value of secret: ./other/disregard/wonkasecretrecipes.
  + This means the directory wonkasecretrecipes is within the disregard directory, within the other directory.
* Next, we need to find the files that contain the word "recipe." The command to do this is:
  + find -type f -iname \*recipe\*
    - find: The command-line command.
    - -type: The option for specifying whether you're searching for a file or a directory.
    - f: The required parameter for the -type option, indicating you're searching for a file.
    - -iname: The option indicating you're searching for a specific case-insensitive value.
    - \*recipe\*: The parameter specifying the value you're searching for. The two wildcards indicate that the value recipe can be located anywhere in the file name.
* The results of the command should return the following four files that have the value of recipe in the name:
  + ./other/disregard/wonkasecretrecipes/recipe\_crunchybars
  + ./other/disregard/wonkasecretrecipes/recipe\_peanutballs
  + ./other/disregard/wonkasecretrecipes/recipe\_peanutsquares
  + ./other/disregard/wonkasecretrecipes/recipe\_yumbars
* The four files are: recipe\_yumbars, recipe\_peanutsquares, recipe\_peanutballs, recipe\_crunchybars.

**Bonus**

You were asked to find files containing the words "recipe" and "peanut" in the name.

* To do this, we need to use a conditional of -a to add an additional search. The command is:
  + find -type f -iname \*recipe\* -a -iname \*peanut\*
    - find: The command-line command.
    - -type: The option for specifying whether you're searching for a file or a directory.
    - f: The required parameter for the -type option, indicating you're searching for a file.
    - -iname: The option indicating you're searching for a specific case-insensitive value.
    - \*recipe\*: The parameter specifying the value you're searching for. The two wildcards indicate that the value of recipe can be located anywhere in the file name.
    - -a: The conditional statement that represents **AND**, which states that the next value must also be matched in the result.
      * -o can be used as an **OR** conditional, returning results that include either one of the specified values.
    - -iname \*peanut\*: The second value that needs to be found in a file name.

When you run the command, the results show two files that have the word "recipe" and "peanut" in their names:

* + ./other/disregard/wonkasecretrecipes/recipe\_peanutballs
  + ./other/disregard/wonkasecretrecipes/recipe\_peanutsquares