## Program name in Drive:

EmailPermuteFromURL.py

## What you need:

A .csv file with the employee first name, last name, and the email domain. Order does not matter, but you do need to know what the header for each of the columns is.

## What it does: Finds Good Emails

1. You will first be prompted to enter the name of the file to read from, as well as the headers for the first name, last name, and url/domain columns.
2. If the program could not find the headers you input for it to look for, it will tell you which one couldn’t find and terminate the program.
3. If the program does find all of the headers, it will then first check if the email server is a catch-all by sending a junk email address. If the server returns that the junk email address worked, it will return an Error and state that there is no valid email found.
4. If the junk email address is bounced, then the program will work through various combinations of the person’s first and last names and initials until either an email address is accepted by the server, or all the combinations have been tested.

## What it makes:

A file called “Permuted\_[input file name].csv” which contains all of the information from the input file, with an additional column for the email found (if any) and the result of the program for each row.

## Notes:

* Make sure to remove the “www.” portion of the website, as well as anything proceeding it. You just want the email domains, without the @.
* Will take a long time.