**P2 Exercise for Monday 8th of August 2022**

**Q1. Create a directory and call it "p2\_exercise".**

* 1. In p2\_exercise, create the following files: info, info.sh, HELLO.py, Class\_2024.cmu
  2. Change the permissions of "info" file so that only the owner can read, write, and execute it. Everyone else has no permission on the file.
  3. Now change the permissions so that other users can only read the file.
  4. Without opening "info.sh" file, write the following text to it. Make sure "$LOGNAME" is written as it is:

The logged-in user is $LOGNAME.

**Q2. Using meta characters:**

* 1. How would you find only files under p2\_exercise starting with "info"?
  2. How would you find only files ending with "cmu"?
  3. How would you find only files whose name contains a digit?
  4. How would you find all files with the letter O (ignoring its case)?

**Q3. Below is the current file**

mindmajix@mindmajix: ~ ls -l sample

-rw-rw-r-- 1 mindmajix mindmajix 22 2022-08-08 9:45 sample?

1. Set permission to other users
2. Adding execute permission to the user group
3. Removing read permission for the user

**Q4. Question on ping and Redirection**

1. First off, experiment with saving output from various commands to a file. Overwrite the file and append it to it as well. Make sure you are using both absolute and relative paths as you go.
2. Now see if you can list only the 5th last file in the directory /etc.
3. Finally, see if you can get a count of how many files and directories you have the execute permission for in your home directory.

**Q5. How do we access Linux subsystem files in Windows and vice versa?**

**To access windows files: df -h**

**To access linux files in windows:**

***Hint: Use Google to find out***