Akize Israel

ID: 25883

INTRODUCTION TO LINUX

Assignment 1

Q1. If you are in the **P3** directory, write the command go to your home

```
HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ cd ../../../../..

HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ cd ~

HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ |
```

Q2. Write the command show a long listing of **Here**

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3/Here (25883_Akize_Israel_assignment
1)
$ cd ~/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ ls -l ../P1/Hi/P3/Here
total 0
-rw-r--r-- 1 HP 197121 0 Sep 25 15:47 hereWeAre

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ ls -l /c/Users/HP/tmp/Practice/P1/Hi/P3/Here
total 0
-rw-r--r-- 1 HP 197121 0 Sep 25 15:47 hereWeAre

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ |
```

Q3Write the command to copy the file **P3** to the **Command** directory?

1.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/P2

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/P1/P2

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cp ../Hi/P3/P3 ../../Command/

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ ls ~/tmp/Practice/Command/
P3  info/
```

2.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ cp P3 ../../../Command/

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ ls ~/tmp/Practice/Command/
P3  info/
```

3.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cp ../P1/Hi/P3/P3 .

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ ls -l
total 0
-rw-r--r-- 1 HP 197121 0 Sep 25 18:01 P3
drwxr-xr-x 1 HP 197121 0 Sep 25 15:22 info/
```

4.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cd ~

HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ cp ~/tmp/Practice/P1/Hi/P3/P3 ~/tmp/Practice/Command/

HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ |
```

Q4. Write the command to copy the files in **P3** to the **Command** directory.

1.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/P2

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cp -r ../Hi/P3/* ../../Command/

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ ls -la ~/tmp/Practice/Command/
total 0
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 ./
drwxr-xr-x 1 HP 197121 0 Sep 25 15:17 ../
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 Here/
-rw-r--r-- 1 HP 197121 0 Sep 25 18:58 P3
drwxr-xr-x 1 HP 197121 0 Sep 25 15:22 info/
```

2.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/P2 (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ PWD
/c/Users/HP/tmp/Practice/P1/Hi/P3

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ cp -r * ../../../Command/

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ ls -la ~/tmp/Practice/Command/
total 0
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 ./
drwxr-xr-x 1 HP 197121 0 Sep 25 15:17 ../
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 Here/
-rw-r--r-- 1 HP 197121 0 Sep 25 19:31 P3
drwxr-xr-x 1 HP 197121 0 Sep 25 15:22 info/

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
```

3.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/P1/Hi/P3 (25883_Akize_Israel_assignment1)
$ cd ~/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ pwd
/c/Users/HP/tmp/Practice/Command

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cp -r ../P1/Hi/P3/* .

HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ ls -la
total 0
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 ./
drwxr-xr-x 1 HP 197121 0 Sep 25 15:17 ../
drwxr-xr-x 1 HP 197121 0 Sep 25 18:58 Here/
-rw-r--r-- 1 HP 197121 0 Sep 25 19:37 P3
drwxr-xr-x 1 HP 197121 0 Sep 25 15:22 info/
```

4.

```
HP@DESKTOP-A8P68OF MINGW64 ~/tmp/Practice/Command (25883_Akize_Israel_assignment1)
$ cd ~

HP@DESKTOP-A8P68OF MINGW64 ~ (25883_Akize_Israel_assignment1)
$ cp -r ~/tmp/Practice/P1/Hi/P3/* ~/tmp/Practice/Command/
```

Question 5: Difference between Question 3 and Question 4

Question 3: Copies **the file named P3** (single file)

- ❖ Command example: cp P3 destination/
- ❖ Only copies one specific file called "P3"
- ❖ Does not copy any other files or directories inside P3

Question 4: Copies **the files in P3** (all contents inside the P3 directory)

- ❖ Command example: cp -r P3/* destination/
- ❖ Copies everything inside the P3 directory:
  - o The file named "P3"
  - o The directory "Here"
  - o The file "hereWeAre" inside the Here directory
- ❖ Uses -r flag to copy directories recursively
- ❖ Uses * to mean "all contents"

Question 6: Color meanings in Linux terminal

Yellow/Brown color: Indicates a **directory** (folder)

- ➢ Directories are containers that hold files and other directories
- ➢ Examples: Documents folder, Downloads folder, any folder

Blue color: Indicates a **file**

- ➢ Regular files that contain data, text, programs, etc.
- ➢ Examples: document.txt, image.jpg, script.sh

Black color meaning:

- ➢ **Black/White** indicates a **regular file** in some terminal color schemes
- ➢ Different terminals use different colors for files (blue, white, or black)