NAME: Philemon MUVUNYI

ID: 26134

INTRODUCTION TO LINUX Assignment 1

Creating folders or directories and files.

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ mkdir -p Practice/{Else,Command,P1/{Hi,P2}}

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ touch Practice/Command/info

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ touch Practice/P1/Hi/Hello

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ mkdir -p Practice/P1/Hi/P3/Here

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ touch Practice/P1/Hi/P3/Here/hereWeAre
```

Q1. If you are in the P3 directory, write the command go to your home (4 marks)

   a. using a relative path

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/P1/Hi/P3 (26134_Philemon_MUVUNYI_assignment1)
$ cd ../../../../..

muvun@MUVUNYI MINGW64 ~ (main)
$ pwd
/c/Users/muvun
```

   b. using an absolute path

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment1)
$ cd ~

muvun@MUVUNYI MINGW64 ~ (main)
$ pwd
/c/Users/muvun
```

Q2. **Write the command show a long listing of Here (4 marks)**

a. using a relative path if you are in the Command directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ ls -l ../P1/Hi/P3/Here
total 0
-rw-r--r-- 1 muvun 197609 0 Sep 24 13:41 hereWeAre
```

b. using an absolute path

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ ls -l ~/Introduction_to_linux/Practice/P1/Hi/P3/Here
total 0
-rw-r--r-- 1 muvun 197609 0 Sep 24 13:41 hereWeAre
```

Q3. Write the command to copy the file P3 to the Command directory? (4 marks)

a. using a relative path if you are in the P2 directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/P1/Hi/P3 (26134_Philemon_MUVUNYI_assignment1)
$ cp -r . ../../../Command/
```

b. using a relative path if you are in the P3 directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/P1/P2 (26134_Philemon_MUVUNYI_assignment1)
$ cp -r ../Hi/P3 ../../Command/
```

c. using a relative path if you are in the Command directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ pwd
/c/Users/muvun/Introduction_to_linux/Practice/Command

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ cp -r  ../P1/Hi/P3 .
```

d. using an absolute path

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment
)
$ cat README.md
# Introduction_to_linux
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment
)
$ touch answers.txt

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux (26134_Philemon_MUVUNYI_assignment
)
$
```

Q4. Write the command to copy the files in P3 to the Command directory? (4 marks)

a. using a relative path if you are in the P2 directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/P1/P2 (26134_Philemon_MUVUNYI_assignment1)
$ cp -r ../Hi/P3/* ../../Command/
```

b.using a relative path if you are in the P3 directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/P1/Hi/P3 (26134_Philemon_MUVUNYI_assignment1)
$ cp -r * ../../../Command/
```

c. using a relative path if you are in the Command directory

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ pwd
/c/Users/muvun/Introduction_to_linux/Practice/Command

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ cp -r ../P1/Hi/P3/* .
```

d. using an absolute path

```
muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ pwd
/c/Users/muvun/Introduction_to_linux/Practice/Command

muvun@MUVUNYI MINGW64 ~/Introduction_to_linux/Practice/Command (26134_Philemon_MUVUNYI_assignment1)
$ cp -r ../P1/Hi/P3/* .
```

Q5. What's the difference between these last 2 (Questions 3 and 4)? (2 marks).

➔ Number three was all just for copying folders and paste it into Command "While"
Number 4 was about copying the file and it's content to the Command directory

Q6. What do you think the yellow color means? The blue? What color should hereWeAre be, and why? (2 marks).

➔The yellow color shows the files while the blue color shows the directories or folders and I think that "**hereWeAre**" should be a file.