Name:BARIBUTSA Jacques
ID:24478

Couse:Intro_to_Linux

Assignment#1

➔**cd/**

➔**sudogitcheckout-b25595_Ishimwe_Patrick_assignment1**

➔**cdIntroduction_to_linux/**

➔**gitbranch–a**

➔ sudomkdir -pPractice/{Command,Else,P1/{P2,Hi/P3/Here}}&&sudotouch Practice/Command/Info Practice/P1/Hi/Hello Practice/P1/Hi/P3/Here/hereWeAre

```
┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$ sudo mkdir -p Practice/{Command,Else,P1/{P2,Hi/P3/Here}} && sudo touch Practice/Command/Info Practice/P1/Hi/Hello Practice/P1/Hi/P3/Here/hereWeAre

┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$
```

➔ treePractice/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$ tree Practice/
Practice/
├── Command
│   └── Info
├── Else
├── P1
    ├── Hi
    │   ├── Hello
    │   └── P3
    │       └── Here
    │           └── hereWeAre
    └── P2

8 directories, 3 files

┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$
```

➔ cd Practice/P1/Hi/P3

```
┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$ cd Practice/P1/Hi/P3

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$
```

Q1.
1. cd ../../../../

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$ cd ../../../../

┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$ |
```

2. cd~orcd /home/vegas

```
┌──(Jacques@Jacques)-[/Introduction_to_linux]
└─$ cd -
/Introduction_to_linux/Practice/P1/Hi/P3

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$ cd ~

┌──(Jacques@Jacques)-[~]
└─$ cd -
/Introduction_to_linux/Practice/P1/Hi/P3

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$ cd /home/vegas/

┌──(Jacques@Jacques)-[~]
└─$ |
```

Q2

1.ls -l ../P1/Hi/P3/Here

```
┌──(Jacques@Jacques)-[/]
└─$ cd introduction_to_linux/Practice/Command/

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ ls -l ../P1/Hi/P3/Here
total 0
-rw-r--r-- 1 root root 0 Sep 23 20:16 hereWeAre
```

2. ls-l ~/Introduction_to_linux/Practice/P1/Hi/P3/Here

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ ls -l ~ /Introduction_to_linux/Practice/P1/Hi/P3/Here
/home/Jacques:
total 64
-rwxr-xr-x 1 vegas vegas    50 Aug 13 13:45 addition
drwxr-xr-x 2 vegas vegas 4096 Aug 22 08:43 bash-linux
drwxr-xr-x 2 vegas vegas 4096 Sep 16 10:58 Desktop
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Documents
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Downloads
drwxr-xr-x 2 vegas vegas 4096 Sep 16 13:07 Jacques
-rwxr-xr-x 1 vegas vegas   109 Aug 13 05:34 Baributsa
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Music
-rwxr-xr-x 1 vegas vegas   192 Aug 13 05:54 Jacques
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Pictures
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Public
drwxr-xr-x 9 vegas vegas 4096 Jun  8 16:01 simtrace2
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Templates
drwxrwxr-t 2 vegas vegas 4096 Jan 20  2025 thinclient_drives
drwxr-xr-x 2 vegas vegas 4096 Jan 20  2025 Videos
-rw-r--r-- 1 root  root  1189 Aug 12 15:30 yersinia.log

/Introduction_to_linux/Practice/P1/Hi/P3/Here:
total 0
-rw-r--r-- 1 root root 0 Sep 23 20:16 hereWeAre

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$
```

Q3.

    1. cp-r../P3../../../../Command/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/P2]
└─$ cp -r ../P3 ../../../../Command/
cp: cannot stat '../P3': No such file or directory

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/P2]
└─$
```

2. sudocp-r. ../../../../Command/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└$ cp -r .../../../../Command/
cp: missing destination file operand after '.../../../../Command/'
Try 'cp --help' for more information.

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└$ sudo cp -r . .../../../../Command/
[sudo] password for Jacques:

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└$
```

3. sudocp-r../P1/Hi/P3 ./

```
──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
─$ sudo cp -r ../P1/Hi/P3 ./

──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
─$
```

4. sudocp-r/Introduction_to_linux/Practice/P1/Hi/P3./

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└$ sudo cp -r ~/Introduction_to_linux/Practice/P1/Hi/P3 ./
cp: cannot stat '/home/vegas/Introduction_to_linux/Practice/P1/Hi/P3': No su
ch file or directory

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└$ sudo cp -r /Introduction_to_linux/Practice/P1/Hi/P3 ./

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└$
```

Q4.

1. sudocp../P3/*../../../../Command/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/P2]
└$ sudo cp ../P3/* ../../../../Command/
[sudo] password for Jacques:
cp: cannot stat '../P3/*': No such file or directory

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/P2]
└$
```

2. sudocp-r* ../../../../Command/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$ sudo cp -r * ../../../../Command/

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/P1/Hi/P3]
└─$ |
```

3. sudocp-r../P1/Hi/P3/*./

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ sudo cp -r ../P1/Hi/P3/* ./

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ |
```

4. sudocp-r/Practice/P1/Hi/P3/*/Practice/Command/

```
┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ sudo cp -r /Practice/P1/Hi/P3/* /Practice/Command/
cp: cannot stat '/Practice/P1/Hi/P3/*': No such file or directory

┌──(Jacques@Jacques)-[/Introduction_to_linux/Practice/Command]
└─$ |
```

Q5.   What'sthedifferencebetweentheselast2(Questions3and4)?

*Question3copiestheentireP3folder(includingitscontentslikeHere)intothe Command directory, creating a new subdirectory Command/P3.

*Question4copiesonlythefilesinsideP3(e.g.,contentsofHere)directlyinto the Command directory, without creating a P3 subdirectory.

Q6.Whatdoyouthinktheyellowcolormeans?Theblue?Whatcolorshould hereWeAre be, and why?

-Yellowcolor:TheyellowcolorlikelyindicatesaFIFO(namedpipe)orfile.

- **Bluecolor:Thebluecolorindicatesadirectory.**

- **ColorforhereWeAre:hereWeAreshouldbewhite,becauseitisaregularfile (a leaf node with no subdirectories, typically a text or data file). Standard ls colors show regular files as white unless they are executable (green) or have special permissions.**