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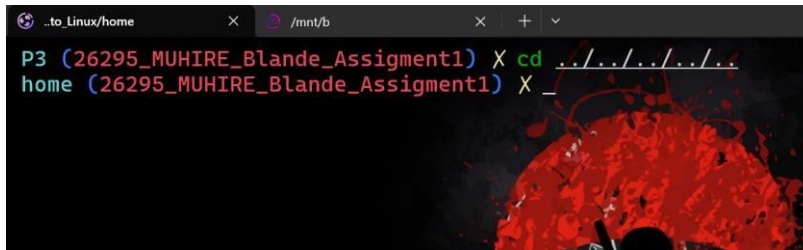
Assignment 1 – Linux Basic Commands

Q1. From P3 directory → Go to home 1. Relative path:

cd ../../../../..
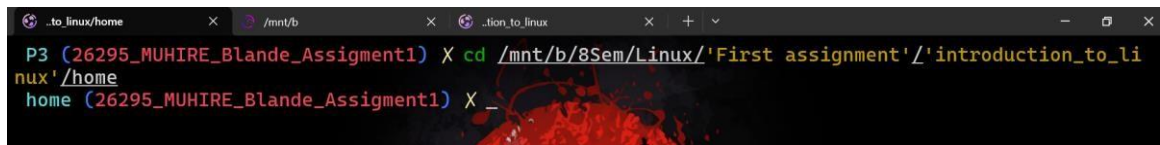
⇨ This command goes back five Steps to reach Home directory

2. Absolute path: cd /mnt/b/8Sem/Linux/'First assignment'/'Introduction_to_linux'/home

⇨ This command Starts form the root directory and reaches the destinated repository

Q2. Show a long listing of Here

1. Relative path (from Command directory): ls -l ../p1/Hi/P3/Here

⇨ This command list all content available in the folder in a longer format like what file type and condition applied to it

2. Absolute path: ls -l /mnt/b/8Sem/Linux/'First assignment'/'Introduction_to_linux'/home/blande/practice/P 1/Hi/P3/Here

⇨ This is the command basically function as the same as the as the above a except that this one require to
Start form the root

```
b_l_a_c_c:command/ (26295_MUHIRE_Blande_Assigment1*) $ ls -l /mnt/b/8Sem/Linux/'First assignment'/
'Introduction_to_linux'/home/blande/practice/P1/Hi/P3/Here
b_l_a_c_c:command/ (26295_MUHIRE_Blande_Assigment1*) $ _                          [18:59:33]
```

Q3. Copy file P3 to Command directory

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

    From P2: cp -r ../Hi/P3 ../../command

```
..ractice/p1/p2          X    / /          X  + v
p2 (26295_MUHIRE_Blande_Assigment1) X cp -r ../Hi/P3 ../../Command/

p2 (26295_MUHIRE_Blande_Assigment1) X _
```

2. From P3:cp -r. ../../Command

```
..tice/p1/hi/p3          X    / /          X   +  v
p3 (26295_MUHIRE_Blande_Assigment1) X cp -r . ../../Command/

p3 (26295_MUHIRE_Blande_Assigment1) X _
```

3. From Command: cp -r ../P1/Hi/P3 .

```
..ctice/command          X    / /          X   +  v
command (26295_MUHIRE_Blande_Assigment1) X cp -r ../P1/Hi/P3 .

command (26295_MUHIRE_Blande_Assigment1) X _
```

4. Absolute path: cp -r /mnt/b/8Sem/Linux/First\
   assignment/introduction_to_linux/home/blande/practice/P1/H i/P3
   /mnt/b/8Sem/Linux/First\
   assignment/introduction_to_linux/home/blande/practice/Comm and/

```
command (26295_MUHIRE_Blande_Assigment1) X cp -r /mnt/b/8Sem/Linux/First\ assignment/introduction
_to_linux/home/blande/practice/P1/Hi/P3 /mnt/b/8Sem/Linux/First\ assignment/introduction_to_linux/
home/blande/practice/Command/
command (26295_MUHIRE_Blande_Assigment1) X _
```

Q4. Copy all files in P3 to Command directory

1. From P2: cp ../Hi/P3/* ../../Command/

```
..ractice/P1/P2          X    / /          X   +  v
P2 (26295_MUHIRE_Blande_Assigment1) X cp -r ../Hi/P3/* ../../Command/

P2 (26295_MUHIRE_Blande_Assigment1) X _
```

2. From P3: cp -r * ../../Command/

```
p3 (26295_MUHIRE_Blande_Assigment1) X cp -r * ../../Command/

p3 (26295_MUHIRE_Blande_Assigment1) X _
```

3. From Command: cp -r ../P1/Hi/P3/* .

```
B.L.A.C.C@BLACC-M MINGW64 /b/8Sem/linux/First assignment/Introduction_to_linux/home/blande/practice/command (26295_MUHIRE_Blande_Assi
gment1)
$ cp -r ../P1/Hi/P3/* .

B.L.A.C.C@BLACC-M MINGW64 /b/8Sem/linux/First assignment/Introduction_to_linux/home/blande/practice/command (26295_MUHIRE_Blande_Assi
gment1)
$ |
```

4. Absolute path: cp -r /mnt/b/8Sem/Linux/First\
   assignment/introduction_to_linux/home/blande/practice/P1/H i/P3/*
   /mnt/b/8Sem/Linux/First\
   assignment/introduction_to_linux/home/blande/practice/Comm and/

```
here (26295_MUHIRE_Blande_Assigment1) X cd ..                                    127 ↵
command (26295_MUHIRE_Blande_Assigment1) X cp -r /mnt/b/8Sem/Linux/First\ assignment/introduction
_to_linux/home/blande/practice/P1/Hi/P3/* /mnt/b/8Sem/Linux/First\ assignment/introduction_to_linu
x/home/blande/practice/Command/

command (26295_MUHIRE_Blande_Assigment1) X _
```

Q5. Difference between Q3 and Q4

Q3 copies one file named P3. Q4 copies all files inside the P3 directory.

Q6. Colors meaning

- Yellow: Executable or device files

- Blue: Directories/folders

- hereWeAre nothing because it's un empty directory or folder nothing in it

⚠ The (`*`) used on the third Question means all File included in the selected directory will be considered