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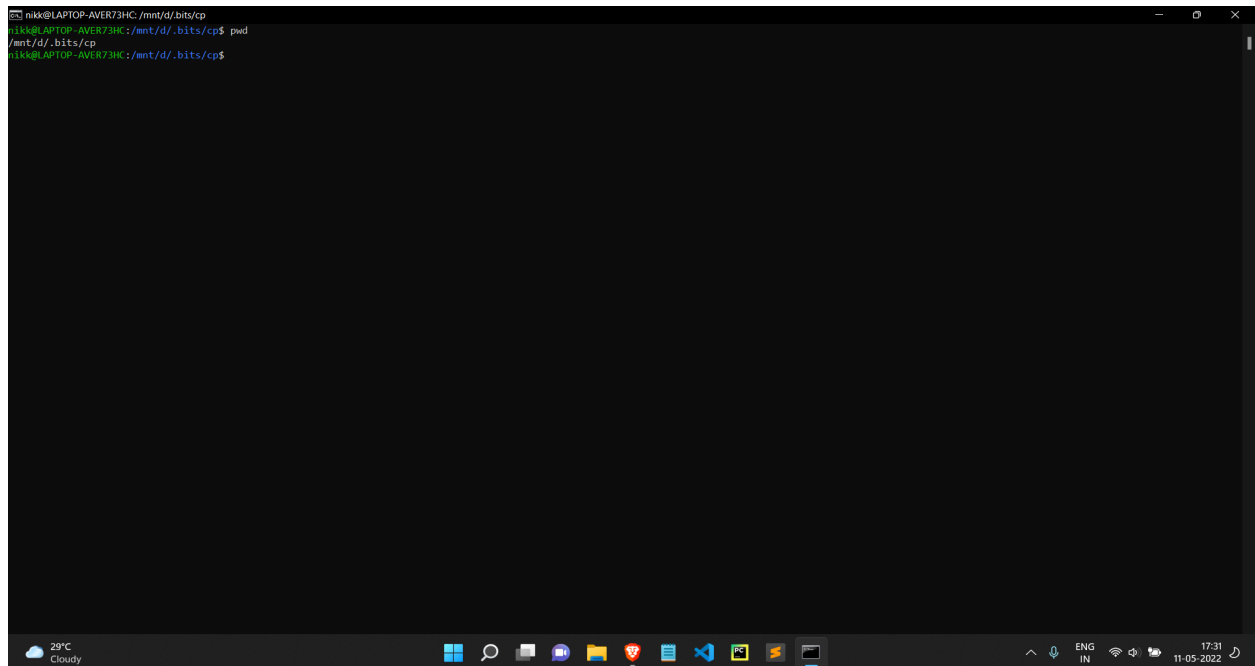
ID: 2021B2PS1603G

Q.1)

Task: To get the absolute path of the working directory.

Command: pwd

Output:

A screenshot of a Windows terminal window. The title bar reads 'nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp'. The terminal shows the command 'pwd' being entered and the output '/mnt/d/.bits/cp' being displayed. The Windows taskbar is visible at the bottom, showing the Start button, search icon, and several application icons. The system tray on the right shows the temperature as 29°C, weather as Cloudy, language as ENG IN, and the date and time as 17:31 11-05-2022.

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ pwd
/mnt/d/.bits/cp
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$
```

Q.2)

Task: To print the contents of the present working directory.

Command: ls

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ pwd
/mnt/d/.bits/cp
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ ls
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$
```

Q.3)

Task: To make the given tree structure.

Command: mkdir and cd

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ pwd
/mnt/d/.bits/cp
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ ls
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ mkdir lab1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ cd lab1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ mkdir Dir1 Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd ..
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ ls
lab1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp$ cd lab1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
Dir1  Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$
```

Q.4)

Task: To make two files under directory - Dir1

Command: touch

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ touch file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt  file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$
```

Q.5)

Task: To move *file2.txt* from *Dir1* to *Dir2*.

Command: mv

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ touch file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt  file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ mv file2.txt ../Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ cd ..
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$
```

Q.6)

Task: To rename file *file2.txt* to *fileNew.txt*.

Command: mv

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ touch file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ mv file2.txt ../Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ cd ..
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ mv file2.txt fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$
```

Q.7)

Task: To delete *file1.txt*

Command: `rm`

Output:

```
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ touch file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ mv file2.txt ../Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ cd ..
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ mv file2.txt fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ cd ../dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ ls
file1.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ rm file1.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$
```

Q.8)

Task: To check gcc version

Command: `gcc --version`

Output:

```
nikk@LAPTOP-AVER73HC: /mnt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ ls
file1.txt  file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd Dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt  file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ touch file1.txt file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ ls
file1.txt  file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ mv file2.txt ../Dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/Dir1$ cd ..
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1$ cd dir2
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
file2.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ mv file2.txt fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ ls
fileNew.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir2$ cd ../dir1
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ ls
file1.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ rm file1.txt
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ ls
nikk@LAPTOP-AVER73HC: /mnt/d/.bits/cp/lab1/dir1$ cd ../../../../..
nikk@LAPTOP-AVER73HC: /mnt$ gcc --version
gcc (Ubuntu 9.4.0-1ubuntu1-20.04.1) 9.4.0
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This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
nikk@LAPTOP-AVER73HC: /mnt$
```

29°C
Cloudy



ENG
IN
17:46
11-05-2022