LINUX Assignment-1

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Here are the answers along with Questions of the given task.

1. How to make a directory?

Command: mkdir (make directory)

Use: this command is used to create the directory.

Syntax: mkdir dir1

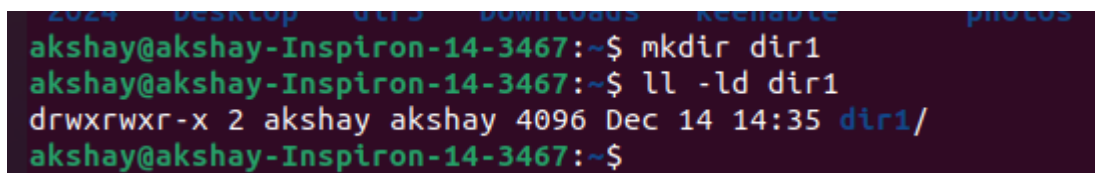Description: mkdir - command

    dir1 - folder name

Output:

akshay@akshay-Inspiron-14-3467:~$ mkdir dir1

akshay@akshay-Inspiron-14-3467:~$ ll -ld dir1

drwxrwxr-x 2 akshay akshay 4096 Dec 14 14:35 dir1/

akshay@akshay-Inspiron-14-3467:~$

2. Remove a directory ?

Command: rmdir (remove directory)

Use: this command is used to remove a directory.
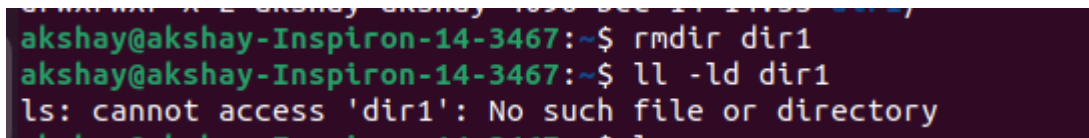
Syntax: rmdir dir1

Description: rmdir - command

: dir1 - folder name

Output:

akshay@akshay-Inspiron-14-3467:~$ rmdir dir1

akshay@akshay-Inspiron-14-3467:~$ ll -ld dir1

ls: cannot access 'dir1': No such file or directory

3. Make a copy of a file

Command: cp (copy)

Use: this command is used for copying a file from one place to another place.

Syntax: cp file1 empty_file

Description: cp: copy command

: file1: source file

: empty_file: destination file

Output:

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 file1

akshay@akshay-Inspiron-14-3467:~/dir1$ cp file1 empty_file

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 empty_file file1

akshay@akshay-Inspiron-14-3467:~/dir1$

```
akshay@akshay-Inspiron-14-3467:~/dir1$ ls
dir2  file1
akshay@akshay-Inspiron-14-3467:~/dir1$ cp file1 empty_file
akshay@akshay-Inspiron-14-3467:~/dir1$ ls
dir2  empty_file  file1
akshay@akshay-Inspiron-14-3467:~/dir1$
```

4.Move or rename a file

Command: mv (move)

Use: this command is used to rename the file or directory.

Syntax: mv empty_file dir3

Description: mv : move command

: empty_file: file which will be rename

: dir3 : renamed name of file

Output:

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 empty_file file1

akshay@akshay-Inspiron-14-3467:~/dir1$ mv empty_file dir3

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 dir3 file1

```
akshay@akshay-Inspiron-14-3467:~/dir1$ ls
dir2  empty_file  file1
akshay@akshay-Inspiron-14-3467:~/dir1$ mv empty_file dir3
akshay@akshay-Inspiron-14-3467:~/dir1$ ls
dir2  dir3  file1
```

5. Create an empty file

Command: touch

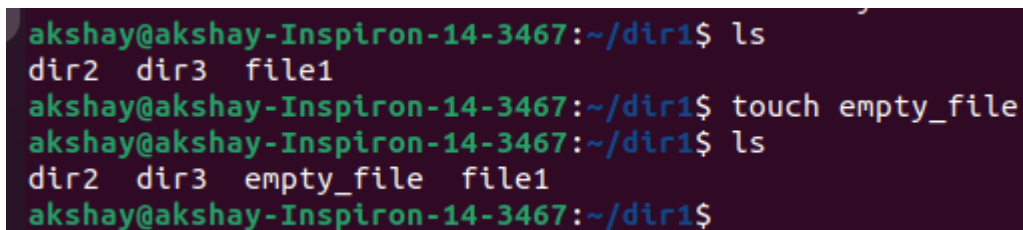Use: this command is used for creating an empty file.

Syntax: touch empty_file

Description: touch - command

: empty_file - an empty file

Output:

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 dir3 file1

akshay@akshay-Inspiron-14-3467:~/dir1$ touch empty_file

akshay@akshay-Inspiron-14-3467:~/dir1$ ls

dir2 dir3 empty_file file1

akshay@akshay-Inspiron-14-3467:~/dir1$ ^C

akshay@akshay-Inspiron-14-3467:~/dir1$

6. Remove multiple files with a single command

Command:

Use: this command is used for creating an empty file.

Syntax: rm empty_file file1.txt file2.txt file3.txt

Description: rm - command

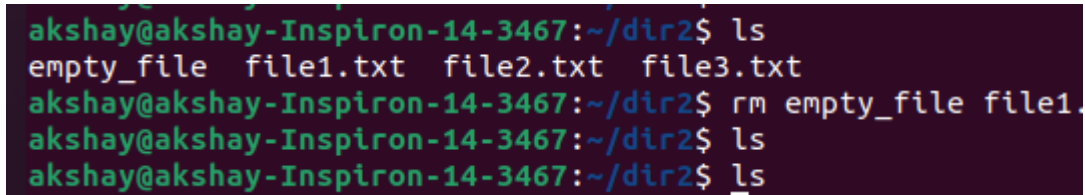: empty_file file1.txt file2.txt file3.txt - files which need to be removed.

Output:

akshay@akshay-Inspiron-14-3467:~/dir2$ ls

empty_file file1.txt file2.txt file3.txt

akshay@akshay-Inspiron-14-3467:~/dir2$ rm empty_file file1.txt file2.txt file3.txt

akshay@akshay-Inspiron-14-3467:~/dir2$ ls

akshay@akshay-Inspiron-14-3467:~/dir2$ ls

akshay@akshay-Inspiron-14-3467:~/dir2$

```
akshay@akshay-Inspiron-14-3467:~/dir2$ ls
empty_file  file1.txt  file2.txt  file3.txt
akshay@akshay-Inspiron-14-3467:~/dir2$ rm empty_file file1.
akshay@akshay-Inspiron-14-3467:~/dir2$ ls
akshay@akshay-Inspiron-14-3467:~/dir2$ ls
```

7. Remove content from the folder without removing folder