OPERATING SYSTEM

CP COMMANDS

SUBMITTED BY: RABIA BATOOL

ROLL #: 2022-BSE-064

Lab #2

SUBMITTED TO: SIR SHAHZAD

1. cp **<file 1> <file 2>**

```
fjwu@fjwu-VirtualBox:~$ pwd
/home/fjwu
fjwu@fjwu-VirtualBox:~$ touch file
fjwu@fjwu-VirtualBox:~$ cp file1 file2
fjwu@fjwu-VirtualBox:~$ ls
Desktop     Downloads   file2  Music       rabia          Templates
direc       file        first  Pictures    rabiadirectory Videos
Documents   file1       labs   Public      snap
```

2. cp -r **<sourceDirectory> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~$ mkdir source
fjwu@fjwu-VirtualBox:~$ mkdir destination
fjwu@fjwu-VirtualBox:~$ cp -r destination /home/fjwu/source/
fjwu@fjwu-VirtualBox:~$ cd source
fjwu@fjwu-VirtualBox:~/source$ ls
destination
```

3. cp *.**<extension> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$ touch file1.txt
fjwu@fjwu-VirtualBox:~/destination$ cp *.txt /home/fjwu/source/
fjwu@fjwu-VirtualBox:~/destination$ cd source
bash: cd: source: No such file or directory
fjwu@fjwu-VirtualBox:~/destination$ ls
file1.txt
```

4. cp --backup **<filename> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$ cp --backup file1.txt /home/fjwu/source/
fjwu@fjwu-VirtualBox:~/destination$ cd
fjwu@fjwu-VirtualBox:~$ cd source
fjwu@fjwu-VirtualBox:~/source$ ls
destination  file1.txt  file1.txt~
```

5. cp -i **<filename> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$ cp -i file1.txt /home/fjwu/source/
cp: overwrite '/home/fjwu/source/file1.txt'? y
fjwu@fjwu-VirtualBox:~/destination$ cd
fjwu@fjwu-VirtualBox:~$ cd  source
fjwu@fjwu-VirtualBox:~/source$ ls
destination  file1.txt  file1.txt~
```

6. cp -l **<filename> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$ touch file2.txt
fjwu@fjwu-VirtualBox:~/destination$ cp -l file2.txt /home/fjwu/source/
fjwu@fjwu-VirtualBox:~/destination$ cd
fjwu@fjwu-VirtualBox:~$ cd source
fjwu@fjwu-VirtualBox:~/source$ ls
destination  file1.txt  file1.txt~  file2.txt
```

7. cp -p **<filename> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$ cp -p file1.txt /home/fjwu/source/
fjwu@fjwu-VirtualBox:~/destination$ cd
fjwu@fjwu-VirtualBox:~$ cd source
fjwu@fjwu-VirtualBox:~/source$ ls
destination  file1.txt  file1.txt~  file2.txt
```

8. cp -u -v **<filenames> <destinationDirectory>**

```
fjwu@fjwu-VirtualBox:~/destination$  cp -u -v file1.txt /home/fjwu/source/
fjwu@fjwu-VirtualBox:~/destination$ cd
fjwu@fjwu-VirtualBox:~$ cd source
fjwu@fjwu-VirtualBox:~/source$ ls
destination  file1.txt  file1.txt~  file2.txt
```

9.