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Lab Task 3

1. Create a text file name "file1.txt" and "file2.txt".

```
opee@opee-VirtualBox:~$ pwd
/home/opee
opee@opee-VirtualBox:~$ cat > file1.txt
opee@opee-VirtualBox:~$ cat > file2.txt
```

2. Put 10 lines into the file1.txt. (i.e : Bangladesh, Australia, Japan, Canada, Mexico, France, Italy, Vietnam, Poland, Mexico)

```
opee@opee-VirtualBox:~$ cat >> file1.txt
Bangladesh
Australia
Japan
Canada
Mexico
France
Italy
Vietnam
Poland
Mexico
```

3. Copy the contents of file1.txt to file2.txt

```
opee@opee-VirtualBox:~$ cp file2.txt file1.txt
```

4. Show the number of lines and number of words of file1.txt

```
opee@opee-VirtualBox:~$ wc file1.txt
10 10 76 file1.txt
```

5. Sort the elements of file1.txt in alphabetical descending order by removing the redundant elements.

```
opee@opee-VirtualBox:~$ sort -r file1.txt
Vietnam
Poland
Mexico
Mexico
Japan
Italy
France
Canada
Bangladesh
Australia
opee@opee-VirtualBox:~$ sort -u file1.txt
Australia
Bangladesh
Canada
France
Italy
Japan
Mexico
Poland
Vietnam
```

6. Sort the elements of file2.txt into alphabetically ascending order.

```
opee@opee-VirtualBox:~$ sort file2.txt
Australia
Bangladesh
Canada
France
Italy
Japan
Mexico
Mexico
Poland
Vietnam
```

7. Show last 5 lines of file2.txt.

```
opee@opee-VirtualBox:~$ tail -n5 file2.txt
France
Italy
Vietnam
Poland
Mexico
```

8. Cut the first 3 letters from the file1 and paste it into a new file "file3.txt"

```
opee@opee-VirtualBox:~$ cut -b 1,2,3 file1.txt
Ban
Aus
Jap
opee@opee-VirtualBox:~$ cat>file3.txt
opee@opee-VirtualBox:~$ paste file1.txt file3.txt
Ban
Aus
Jap
```