Exercise 2B

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Batch: CSE-O2

vi :

To create a editor

i:

Goes to insert mode

:wq

For saving the editor file

a:

Uses to append the text after the cursor position

I:

Insert some text at the beginning of the line

A:

Used to append text at the end of the line

r:

To replace a character at the cursor position.

R:

Overwrites the character till the end of the line.

o:

Opens a new line after the current line.

O:

Opens a new line before the current line.

h:

To go to left side of the cursor.

j:

To go down of the cursor.

k:

To go up of the cursor

l:

To go right of the cursor.

dd:

Deletes the current line.

(Number)dd:

Deletes the number of lines mentioned

D:

Removes the characters after the cursor position, till the end of the line.

dw:

Removes the words in the current line at the cursor position.

x:

removes the character at the cursor position.

X:

Removes the previous character at the cursor position.

:w

Saves the file but doe not exit the file

:wq

Saves thee file and exits

:q!

quits the file without saving.

yy:

Copies the current line

(Number)yy:

Copies the n number of lines.

p:

Pastes the copied line below the current cursor positioned line.

-v: cat (name of file) | grep -v (pattern)

Displays the content other than mentioned pattern

-i: cat (name of file) | grep -I (pattern)

Displays both uppercase and lowercase characters of the specified pattern

-n: cat (name of file) | grep -n (pattern)

Displays the line number along with the matched pattern.

-c: cat (name of file) | grep -c (pattern)

Displays the count of the matched pattern.

Sort filename:

Sorts the file (a-z)

sort -r filename:

Sorts the file in descending order(z to a)

sort -u filename:

Eliminate the duplicate files from the sorted file

Sort -n filename:

Sorts in order of uppercase, lowercase, numerical order.

uniq -d filename:

Displays the duplicate lines of the file.

uniq -c filename:

Displays the number of occurences of the content.

diff file1 file2:

compares the 2 files

comm file1 file2:

compares the 2 sorted files.

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untitled1.py
untitled2.py
yet
(base) Rahuls-MacBook-Air:~ rahulgoel$ vi A
(base) Rahuls-MacBook-Air:~ rahulgoel$ sort -u A
Beans
Brownseed
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat > B
biriyani
pepper fry
roasted peanuts
^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ sort -r B
roasted peanuts
pepper fry
biriyani
(base) Rahuls-MacBook-Air:~ rahulgoel$ sort -u B
biriyani
pepper fry
roasted peanuts
(base) Rahuls-MacBook-Air:~ rahulgoel$ sort -n B
biriyani
pepper fry
roasted peanuts
(base) Rahuls-MacBook-Air:~ rahulgoel$ uniq -c B
      1 biriyani
      1 pepper fry
      1 roasted peanuts
(base) Rahuls-MacBook-Air:~ rahulgoel$ uniq -d B
(base) Rahuls-MacBook-Air:~ rahulgoel$ vi box
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat box | grep -v box
soya
chicken
fish
meat
rabbit
prawns
beef
bacon

(base) Rahuls-MacBook-Air:~ rahulgoel$ grep -l box
barbeque
steak^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat > veg
potato
tomato
ladyfinger
onions
brinjal
capsicum^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i veg
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat >> veg
^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i j
brinjal
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i o
potato
tomato
onions
(base) Rahuls-MacBook-Air:~ rahulgoel$
```

```
      1 biriyani
      1 pepper fry
      1 roasted peanuts
(base) Rahuls-MacBook-Air:~ rahulgoel$ uniq -d B
(base) Rahuls-MacBook-Air:~ rahulgoel$ vi box
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat box | grep -v box
soya
chicken
fish
meat
rabbit
prawns
beef
bacon

(base) Rahuls-MacBook-Air:~ rahulgoel$ grep -l box
barbeque
steak^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat > veg
potato
tomato
ladyfinger
onions
brinjal
capsicum^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i veg
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat >> veg
^C
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i j
brinjal
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -i o
potato
tomato
onions
(base) Rahuls-MacBook-Air:~ rahulgoel$ cat veg | grep -c o
3
(base) Rahuls-MacBook-Air:~ rahulgoel$ diff A B
1,2c1,3
< Beans
< Brownseed
---
> biriyani
> pepper fry
> roasted peanuts
(base) Rahuls-MacBook-Air:~ rahulgoel$ comm veg box
potato
              soya
              chicken
              fish
              meat
              rabbit
              prawns
              beef
              bacon

tomato
ladyfinger
onions
brinjal
(base) Rahuls-MacBook-Air:~ rahulgoel$
```