

Command name : diff

Lets use these two files: file1.txt and file2.txt:

If file1.txt contains the following four lines of text:

I need to buy apples.
I need to run the laundry.
I need to wash the dog.
I need to get the car detailed.

...and file2.txt contains these four lines:

I need to buy apples.
I need to do the laundry.
I need to wash the car.
I need to get the dog detailed.

...then we can use diff to automatically display for us which lines differ between the two files with this command:

```
$ diff file1.txt file2.txt
output:
2,4c2,4
< I need to run the laundry.
< I need to wash the dog.
< I need to get the car detailed.
---
> I need to do the laundry.
> I need to wash the car.
> I need to get the dog detailed.
```

Another EXAMPLE

```
guest-jBeOIH@geu-SMBIOS:~$ cat f1
apple
grapeS
mango
pineapple
rabbit
snake
totoise
umbrella
zebra
```

```
guest-jBeOIH@geu-SMBIOS:~$ cat f2
apple
banana
mango
pineapple
rabbit
snake
umbrella
yak
zebra
```

```
guest-jBeOIH@geu-SMBIOS:~$ diff f1 f2
2c2
< grapeS
---
> banana
7d6
< totoise
8a8
> yak
```

```
guest-jBeOIH@geu-SMBIOS:~$ diff f2 f1
2c2
< banana
---
> grapeS
6a7
> totoise
8d8
< yak
guest-jBeOIH@geu-SMBIOS:~$
```

d: delete
c: change
a: append