CAT COMMAND

1) To view a single file
Command:

$ cat sample

```
sjcet@Z238-UL:~/file1$ cat sample1
martin
sjcet@Z238-UL:~/file1$
```

2) To view multiple files
Command:

$ cat sample1 sample2

```
sjcet@Z238-UL:~/file1$ cat sample1 sample2
martin
abrahamS
sjcet@Z238-UL:~/file1$
```

3) To view contents of a file preceding with line numbers.
Command:

1$ cat -n sample3

```
sjcet@Z238-UL:~/file1$ cat -n sample3
     1  jomon
     2  sebastin
     3  mathew
     4  krishna
     5  alan
sjcet@Z238-UL:~/file1$
```

4) Create a file
Command:

$ cat > sample4

```
sjcet@Z238-UL:~/file1$ cat > sample4
cat
tiger
lionsjcet@Z238-UL:~/file1$ cat sample4
cat
tiger
lionsjcet@Z238-UL:~/file1$
```

5) Copy the contents of one file to another file.
Command:

$ cat sample3 > newfile1

```
sjcet@Z238-UL:~/file1$ cat sample3 > newfile1
sjcet@Z238-UL:~/file1$ cat newfile1
jomon
sebastin
mathew
krishna
alan
sjcet@Z238-UL:~/file1$
```

6) Cat command can suppress repeated empty lines in output
Command:

$ cat -s sample3

```
sjcet@Z238-UL:~/file1$ cat sample3
jomon
sebastin
mathew
krishna
alan




sjcet@Z238-UL:~/file1$ cat -s sample3
jomon
sebastin
mathew
krishna
alan
```

7) Cat command can append the contents of one file to the end of another file.

$ cat sample4 >> sample3

```
sjcet@Z238-UL:~/file1$ cat sample4 >> sample3
sjcet@Z238-UL:~/file1$ cat sample3
jomon
sebastin
mathew
krishna
alan




cat
tiger
lionsjcet@Z238-UL:~/file1$
```

8) Cat command can display content in reverse order using tac command.

$ tac file1

```
sjcet@Z238-UL:~/file1$ cat > file1
arun
abraham
mathew
sjcet@Z238-UL:~/file1$ tac file1
mathew
abraham
arun
sjcet@Z238-UL:~/file1$
```

9) using echo command

$ echo "i am martin" | cat – sample1

```
sjcet@Z238-UL:~/file1$ echo "i am martin" | cat - sample1
i am martin
martin
```

10) Display content of file begining at line 2

$ more +2 sample4

```
sjcet@Z238-UL:~/file1$ more +2 sample4
tiger
lion
```