//Basic Linux Commands

1) Echo
   ```
   $ echo "Hello World"
   Hello World
   ```

2) ls
   ```
   $ ls
   Desktop  Documents  Downloads  Music  Pictures  Videos
   ```

3) read
   ```
   $ echo "Enter your name:"
   Enter your name:
   $ read name
   John
   $ echo "Hello, $name"
   Hello, John
   ```

4) cat
   ```
   $ cat file.txt

   This is a sample text file.
   ```

5) Touch
   ```
   $ touch newfile.txt
   $ ls
   Desktop  Documents  Downloads  newfile.txt
   ```

6) Test
   ```
   $ test -f newfile.txt && echo "File exists" || echo "File does not exist"
   File exists
   ```

7) Loops
   ```
   $ for i in 1 2 3
   > do
   > echo "Loop number $i"
   > done
   Loop number 1
   Loop number 2
   Loop number 3
   ```

8) Arithmetic Comparison

```
$ a=5
$ b=3
$ if [ $a -gt $b ]; then echo "$a is greater than $b"; fi
5 is greater than 3
```

9) Conditional Loops

```
$ count=1
$ while [ $count -le 3 ]
> do
> echo "Count is $count"
> count=$((count + 1))
> done
Count is 1
Count is 2
Count is 3
```

10) Grep

```
$ cat data.txt
apple
banana
mango
$ grep "apple" data.txt
Apple
```

11) Sed

```
$ cat file.txt
Hello Linux
$ sed 's/Linux/World/' file.txt
Hello World
```