

1. We started to work with putty (linux terminal)

(a) To list the files and directories in the current directory

(i) Ls

```
[2021ict88@fedora ~]$ ls
abc.tsv  abc.txt  File1.txt  File2copy.txt  File2.txt
myFirstFile.txt  xyz.csv
```

(b) To list all files, including hidden files

(i) Ls -a

```
[2021ict88@fedora ~]$ ls -a
.          abc.txt          .bash_profile  File2copy.txt
.mozilla
..         .bash_history  .bashrc       File2.txt
myFirstFile.txt
abc.tsv   .bash_logout  File1.txt     .lessht
xyz.csv
```

(c) To list all files in long format, sorted by time

(i) Ls -ltr

```
[2021ict88@fedora ~]$ ls -ltr
total 28
-rw-r--r--. 1 2021ict88 2021ict88 20 Mar 17 11:51 abc.txt
-rw-r--r--. 1 2021ict88 2021ict88 24 Mar 17 12:07 xyz.csv
-rw-r--r--. 1 2021ict88 2021ict88 26 Mar 21 15:00
myFirstFile.txt
-rw-r--r--. 1 2021ict88 2021ict88 24 Mar 21 15:01 File1.txt
-rw-r--r--. 1 2021ict88 2021ict88 24 Mar 21 15:17 abc.tsv
-rw-r--r--. 1 2021ict88 2021ict88 46 Mar 21 15:28 File2.txt
-rw-r--r--. 1 2021ict88 2021ict88 46 Mar 21 15:35
File2copy.txt
```

(d) To display day of the month

(i) date +%d

```
[2021ict88@fedora ~]$ date +%d
24
```

(e) To display full weekday name

(i) date +%A

```
[2021ict88@fedora ~]$ date +%A
Monday
```

(f) To display abbreviated weekday name

(i) date +%a

```
[2021ict88@fedora ~]$ date +%a
Mon
```

(g) To display full month name

(i) date +%B

```
[2021ict88@fedora ~]$ date +%B  
March
```

(h) To display abbreviated month name

(i) date +%b

```
[2021ict88@fedora ~]$ date +%b  
Mar
```

(i) To display calendar

(i) Cal

```
[2021ict88@fedora ~]$ cal  
      March 2025  
Su Mo Tu We Th Fr Sa  
    1  
  2  3  4  5  6  7  8  
  9 10 11 12 13 14 15  
16 17 18 19 20 21 22  
23 24 25 26 27 28 29  
30 31
```

(j) We created a file to get user input

```
echo "Who are you?"
```

```
read name
```

```
echo "Enter Number 1"
```

```
read x
```

```
echo "Enter Number 2"
```

```
read y
```

```
echo "Enter Number 3"
```

```
read z
```

```
sum=$((x+y+z))
```

```
avg=$((sum/3))
```

```
echo "Hi" $name
```

```
echo "Summation " $sum
```

```
echo "Average " $avg
```