OS_Lab Assignment 4 - Shell Script

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DIV-SY CS B

1. Write a shell script to create three files.

2. Write a shell script to print date and time 10 times, once after each second.

```
GNU nano 7.2

for((i = 0; i < 11; i++))

do

    date
    sleep 1

done
```

```
thexpo@VICTUS:~$ nano f2.sh
thexpo@VICTUS:~$ bash f2.sh
Tue Feb 11 12:38:16 UTC 2025
Tue Feb 11 12:38:17 UTC 2025
Tue Feb 11 12:38:18 UTC 2025
Tue Feb 11 12:38:19 UTC 2025
Tue Feb 11 12:38:20 UTC 2025
Tue Feb 11 12:38:21 UTC 2025
Tue Feb 11 12:38:22 UTC 2025
Tue Feb 11 12:38:23 UTC 2025
Tue Feb 11 12:38:24 UTC 2025
Tue Feb 11 12:38:25 UTC 2025
Tue Feb 11 12:38:26 UTC 2025
Tue Feb 11 12:38:26 UTC 2025
```

3 Write a shell script to create five directories. Accept the name of directories from command line.

4 Write a shell script to print long list of all file's names passed at command line.

5 Write a shell script to count the number of file names passed at command line.

6 Write a shell script to accept and display array. Assume array consist 5 number.

7 Write Shell script to find out even and odd numbers from accepted array. Assume Array consists of 5 numbers. Also accept arrays from users.

8 Write shell script to find out the reverse number of a given number.

9 Write Shell script to sort array numbers ascending and descending order. Assume Array consists of 5 numbers. Also accept arrays from users.

10 Write Shell script to find out smallest number and largest number of given arrays. Assume Array consists of 5 numbers. Also accept arrays from users.

```
thexpo@VICTUS:~$ nano f10.sh
thexpo@VICTUS:~$ bash f10.sh
Enter an array
23 48 35 93 52
Smallest number is : 35
Largest number is : 93
```