

## OS LAB 01

**Question 1: Execute all the commands discussed in this lab.**

**Solution:**

- Date:

```
localhost:~# date
Tue Jan 21 22:49:35 UTC 2025
```

- Cal:

```
localhost:~# cal
      January 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
```

- Echo:

```
localhost:~# echo "message"
message
```

- Ls:

```
localhost:~# ls
bench.py  hello.c  hello.js  readme.txt
```

- Whoami:

```
localhost:~# whoami
root
```

- Uptime:

```
localhost:~# uptime
22:52:59 up 4 min,  load average: 0.00, 0.00, 0.00
```

- Uname:

```
localhost:~# uname
Linux
```

- Hostname:

```
localhost:~# hostname  
localhost
```

- Bc:

```
localhost:~# bc  
bc 1.31.1  
Adapted from https://github.com/gavinhoward/bc  
Original code (c) 2018 Gavin D. Howard and contributors  
60/6+12*2  
34
```

- Cat:

```
localhost:~# echo "This is the first Lab" >file1.txt  
localhost:~# echo "of OS" > file2.txt  
localhost:~# cat file1.txt file2.txt  
This is the first Lab  
of OS
```

- Rm:

```
localhost:~# ls  
bench.py  file1.txt  file2.txt  hello.c  hello.js  readme.txt  
localhost:~# rm file2.txt  
localhost:~# ls  
bench.py  file1.txt  hello.c  hello.js  readme.txt
```

- Wc:

```
localhost:~# cat file1.txt  
This is the first Lab  
localhost:~# wc file1.txt  
      1      5     22 file1.txt
```