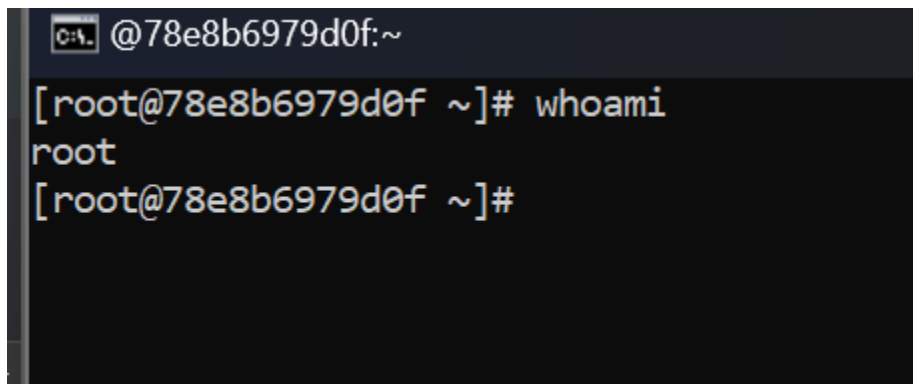


## Linux task

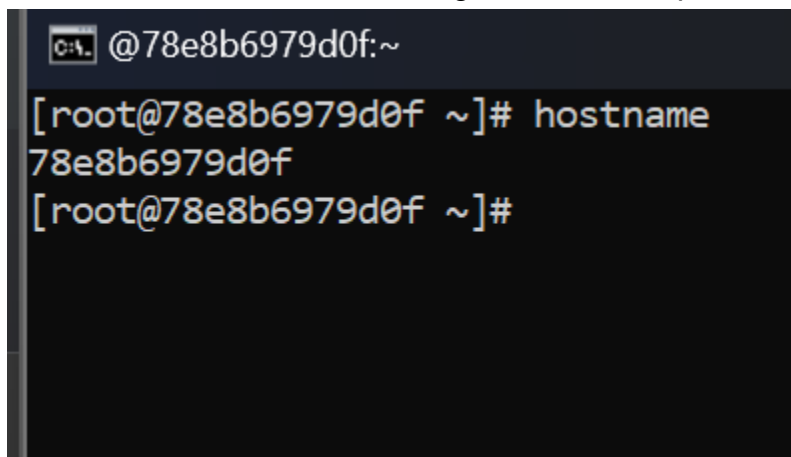
Turki mansour AL Turaikhem

1. Use Command whoami and figure out the output.

A terminal window with a dark background. The prompt is '@78e8b6979d0f:~'. The user enters the command 'whoami' as root. The output is 'root'.

```
@78e8b6979d0f:~  
[root@78e8b6979d0f ~]# whoami  
root  
[root@78e8b6979d0f ~]#
```

2. Use Command hostname and figure out the output.

A terminal window with a dark background. The prompt is '@78e8b6979d0f:~'. The user enters the command 'hostname' as root. The output is '78e8b6979d0f'.

```
@78e8b6979d0f:~  
[root@78e8b6979d0f ~]# hostname  
78e8b6979d0f  
[root@78e8b6979d0f ~]#
```

3. Use history command and run one of the processes that appears in the history without re-write the command?

```
@78e8b6979d0f:~  
48 touch turki.html  
49 ls  
50 history  
51 history |grep date  
52 cat turki.html  
53 cal  
54 echo hello world  
55 echo "hello wrld"  
56 cal 1>turki.html  
57 cat turki.html  
58 ecch test 2>logs.txt  
59 cat logs.txt  
60 echo test 2>logs.txt  
61 cat logs.txt  
62 ecch test 2>logs.txt  
63 ecch test 2>>logs.txt  
64 echo test 2>>logs.txt  
65 cat logs.txt  
66 readlink -f turki.html  
67 ls pwd  
68 history  
69 cat turki.html  
70 whomai  
71 whomai  
72 whoami  
73 whoami  
74 hostname  
75 sudo timedatectl -timezone Asia/Dubai  
76 history  
[root@78e8b6979d0f ~]# !52  
cat turki.html  
    August 2023  
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
```

4. Find since when your system was running?

```
[root@78e8b6979d0f ~]# uptime
11:54:19 up 1:21, 0 users, load average: 0.07, 0.18, 0.17
▼ [root@78e8b6979d0f ~]#
```

5. Get the date and time in Dubai using CLI?

```
@78e8b6979d0f:~
[root@78e8b6979d0f ~]# TZ=Aisa/Dubai date
Tue Aug 22 11:57:53 Aisa 2023
[root@78e8b6979d0f ~]#
```

6. Store calendar output to a file called calender.txt

```
@78e8b6979d0f:~
[root@78e8b6979d0f ~]# cal 1> calender.txt
[root@78e8b6979d0f ~]# cat calender.txt
    August 2023
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

[root@78e8b6979d0f ~]#
```

7. Use this command echos "Oh there is an error" then save the error(output) if appears to file called logs.txt

```
@78e8b6979d0f:~  
[root@78e8b6979d0f ~]# echos "Oh there is an error" 2>>>logs.txt  
[root@78e8b6979d0f ~]# cat logs.txt  
bash: ecch: command not found  
bash: ecch: command not found  
bash: echos: command not found  
[root@78e8b6979d0f ~]#
```

### Additional Challenge:

8. Count how many words in any file in your system

```
@78e8b6979d0f:~  
[root@78e8b6979d0f ~]# wc -w logs.txt  
15 logs.txt  
[root@78e8b6979d0f ~]#
```

9. Find the logged in users in your system

```
@78e8b6979d0f:~  
[root@78e8b6979d0f ~]# w  
15:07:41 up 2:56, 0 users, load average: 0.07, 0.08, 0.04  
USER      TTY      FROM          LOGIN@  IDLE   JCPU   PCPU WHAT  
[root@78e8b6979d0f ~]#
```