

```
mariam@mariam: ~  
mariam@mariam:~$ nohup bash -c 'while true; do echo "Sensor reading: $RANDOM"; s  
leep 1; done'&  
[1] 6687  
mariam@mariam:~$ nohup: ignoring input and appending output to 'nohup.out'  
ps -a  
  PID TTY          TIME CMD  
 4987 tty2      00:00:00 gnome-session-b  
 6687 pts/0      00:00:00 bash  
 6726 pts/0      00:00:00 sleep  
 6727 pts/0      00:00:00 ps  
mariam@mariam:~$ ps -a | grep "sensor"  
mariam@mariam:~$ ps aux | grep nohup  
mariam      7018  0.0  0.0   9404  2560 pts/0    S+   00:05   0:00 grep --color=  
auto nohup  
mariam@mariam:~$ netstat  
Command 'netstat' not found, but can be installed with:  
apt install net-tools  
Please ask your administrator.  
mariam@mariam:~$ sudo apt update  
sudo apt install net-tools -y  
[sudo] password for mariam:  
Hit:1 http://gb.archive.ubuntu.com/ubuntu jammy InRelease  
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]  
Get:3 http://gb.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
```



```
unix 3      [ ]          SEQPACKET  CONNECTED   33503       @4293d
unix 3      [ ]          SEQPACKET  CONNECTED   33484       @d4bae
unix 3      [ ]          SEQPACKET  CONNECTED   33504       @ebeb7
```

```
mariam@mariam:~$ netstat | grep ESTABLISHED
```

```
tcp        0      0 mariam:46962      ec2-3-233-158-26.:https ESTABLISHED
tcp        0      0 mariam:56862      104.18.32.47:https ESTABLISHED
tcp        0      0 mariam:48224      ec2-3-233-158-26.:https ESTABLISHED
tcp        0      0 mariam:39416      wl-in-f188.1e100.n:5228 ESTABLISHED
tcp        0      0 mariam:51854      104.18.32.47:https ESTABLISHED
tcp        0      0 mariam:33808      whatsapp-cdn-shv-:https ESTABLISHED
tcp        0      0 mariam:41270      104.18.39.21:https ESTABLISHED
udp        0      0 mariam:bootpc     _gateway:bootps    ESTABLISHED
```

```
mariam@mariam:~$ fg 6687
```

```
bash: fg: 6687: no such job
```

```
mariam@mariam:~$ jobs
```

```
[1]+  Running                  nohup bash -c 'while true; do echo "Sensor reading: $RANDOM"; sleep 1; done' &
```

```
mariam@mariam:~$ fg 1
```

```
nohup bash -c 'while true; do echo "Sensor reading: $RANDOM"; sleep 1; done'
```

```
bg
```

```
^C
```

```
mariam@mariam:~$ bg
```

```
bash: bg: current: no such job
```

```
mariam@mariam:~$ ps -a
```

```
  PID TTY          TIME CMD
 4987 tty2      00:00:00 gnome-session-b
 8288 pts/0      00:00:00 ps
```

```
mariam@mariam:~$ kill 6687
```

```
bash: kill: (6687) - No such process
```

```
mariam@mariam:~$ cd iot_logger
```

```
mariam@mariam:~/iot_logger$ git init
```

```
Reinitialized existing Git repository in /home/mariam/iot_logger/.git/
```

```
mariam@mariam:~/iot_logger$ git add day_4.txt
```

CCE28

yesterday



Type a message



```
mariam@mariam:~$ bg
bash: bg: current: no such job
mariam@mariam:~$ ps -a
  PID TTY          TIME CMD
  4987 tty2      00:00:00 gnome-session-b
  8288 pts/0      00:00:00 ps
mariam@mariam:~$ kill 6687
bash: kill: (6687) - No such process
mariam@mariam:~$ cd iot_logger
mariam@mariam:~/iot_logger$ git init
Reinitialized existing Git repository in /home/mariam/iot_logger/.git/
mariam@mariam:~/iot_logger$ git add day_4.txt
fatal: pathspec 'day_4.txt' did not match any files
mariam@mariam:~/iot_logger$ ls
data  day_1.txt  day_3.pdf  day_3.txt  day_4  logs  scripts
mariam@mariam:~/iot_logger$ git add day_4
mariam@mariam:~/iot_logger$ git commit -m
error: switch `m' requires a value
mariam@mariam:~/iot_logger$ git commit
[master 14a3ab7] day 4 txt
1 file changed, 26 insertions(+)
create mode 100644 day_4
mariam@mariam:~/iot_logger$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 972 bytes | 243.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:mariammmramy/SIC_IOT.git
075b6e3..14a3ab7  master -> master
mariam@mariam:~/iot_logger$
```

