Activities Terminal ▼ سبت 3 23:56 nada@nada-Dell-G15-551 nada@nada-Dell-G15-5515:- S export SENSOR TYPE=temperature nada@nada-Dell-G15-5515:-\$ echo \$SENSOR_TYPE temperature nada@nada-Dell-G15-5515: \$ nano ~/iot_logger/scripts/sensor_script.py nadagnada-Dell-G15-5515:-\$ chmod +x ~/iot_logger/scripts/sensor_script.py
chmod: changing permissions of '/home/nada/iot_logger/scripts/sensor_script.py': Operation not permitted nada@nada-Dell-G15-5515:-\$ sudo chmod +x ~/iot_logger/scripts/sensor_script.py [sudo] password for nada: nada@nada-Dell-G15-5515:~\$./scripts/sensor_script.py >> logs/temperature.log 2>&1 & [1] 4521 nada@nada-Dell-G15-5515:~\$ bash: logs/temperature.log: No such file or directory ./scripts/sensor_script.py >> logs/temperature.log 2>&1 nada@nada-Dell-G15-5515:-\$ tail -f logs/temperature.log
tail: cannot open 'logs/temperature.log' for reading: No such file or directory tail: no files remaining nada@nada-Dell-G15-5515:-\$ ^C nada@nada-Dell-G15-5515:-\$ cd ~/iot_logger nada@nada-Dell-G15-5515:~/iot_logger\$ mkdir -p logs scripts data nada@nada-Dell-G15-5515:~/iot_logger\$./scripts/sensor_script.py >> logs/temperature.log 2>&1 & [1] 4543 nada@nada-Dell-G15-5515:~/lot_logger\$ tail -f logs/temperature.log م EEST 11:12:02 م EEST 11:12:02 سبت, 2025 Temperature: 23 °C at 02 ./scripts/sensor script.py: line 1: import: command not found ./scripts/sensor_script.py: line 3: syntax error near unexpected token `(' ./scripts/sensor_script.py: line 3: 'sensor_type = os.getenv("SENSOR_TYPE", "generic")' ./scripts/sensor_script.py: line 1: import: command not found ./scripts/sensor_script.py: line 3: syntax error near unexpected token (' ./scripts/sensor_script.py: line 3: `sensor_type = os.getenv("SENSOR_TYPE", "generic")' ./scripts/sensor_script.py: line 1: import: command not found ./scripts/sensor_script.py: line 3: syntax error near unexpected token `(' ./scripts/sensor_script.py: line 3: `sensor_type = os.getenv("SENSOR_TYPE", "generic")' nada@nada-Dell-G15-5515:-/lot_logger\$ nano -/iot_logger/scripts/sensor_script.py nada@nada-Dell-G15-5515:~/lot_logger\$ chmod +x scripts/sensor_script.py chmod: changing permissions of 'scripts/sensor_script.py': Operation not permitted nada@nada-Dell-G15-5515:-/tot_logger\$ sudo chmod +x scripts/sensor_script.py nada@nada-Dell-G15-5515:-/tot_logger\$./scripts/sensor_script.py 2025-09-03 23:40:25 | SENSOR_TYPE=temperature | value=23.80 2025-09-03 23:40:27 | SENSOR_TYPE=temperature | value=21.33 2025-09-03 23:40:29 | SENSOR_TYPE=temperature | value=24.34 2025-09-03 23:40:31 | SENSOR_TYPE=temperature | value=28.92 2025-09-03 23:40:33 | SENSOR_TYPE=temperature | value=25.72 2025-09-03 23:40:35 | SENSOR_TYPE=temperature | value=29.20 SENSOR_TYPE=temperature | SENSOR_TYPE=temperature | 2025-09-03 23:40:37 | value=26.20 2025-09-03 23:40:39 | value=22.71 2025-09-03 23:40:41 SENSOR_TYPE=temperature | value=20.63 SENSOR_TYPE=temperature | SENSOR_TYPE=temperature | 2025-09-03 23:40:43 value=24.10 2025-09-03 23:40:45 | value=23.83 2025-09-03 23:40:47 SENSOR_TYPE=temperature | value=26.77 SENSOR_TYPE=temperature | SENSOR_TYPE=temperature | 2025-09-03 23:40:49 value=28.67 2025-09-03 23:40:51 value=23.65 2025-09-03 23:40:53 SENSOR_TYPE=temperature value=23.45 SENSOR_TYPE=temperature | SENSOR_TYPE=temperature | SENSOR_TYPE=temperature | 2025-09-03 23:40:55 value=20.18 2025-09-03 23:40:57 value=29.73

2025-09-03 23:40:59 1

```
Activities

    Terminal ▼

                                                                                                                                                                                                                     ىست 3 23:56
                                                                                                                                                                                                        nada@nada-Dell-G15-
                  ]+ Stopped ./scripts/sensor_script.py
da@nada-Dell-G15-5515:~/lot_logger$ ./scripts/sensor_script.py >> logs/temperature.log 2>&1 &
             [2]+ Stopped
                   da@nada-Dell-G15-5515:~/tot_logger$ tail -f logs/temperature.log
             Temperature: 23 °C at 02 2025 ست. EEST 11:12:02 م /scripts/sensor_script.py: line 1: import: command not found
             ./scripts/sensor_script.py: line 3: syntax error near unexpected token `('
             ./scripts/sensor_script.py: line 3: `sensor_type = os.getenv("SENSOR_TYPE", "generic")'
./scripts/sensor_script.py: line 1: import: command not found
             ./scripts/sensor_script.py: line 3: syntax error near unexpected token `('
./scripts/sensor_script.py: line 3: `sensor_type = os.getenv("SENSOR_TYPE", "generic")'
            ./scripts/sensor_script.py: line 3: sensor_type = os.getenv("SENSOR_TYPE", "generic")'
./scripts/sensor_script.py: line 1: import: command not found
./scripts/sensor_script.py: line 3: syntax error near unexpected token `('
./scripts/sensor_script.py: line 3: `sensor_type = os.getenv("SENSOR_TYPE", "generic")'
ps aux | grep s^C
              nada
             nada
             nada
              nada@nada-Dell-G15-5515:~/tot_logger$ ls -l /proc/4585/fd
             total 0
            nada@nada-Dell-G1S-5515:~/lot_logger$ tail logs/temperature.log
2025-09-03 23:45:38 | SENSOR_TYPE=temperature | value=20.23
2025-09-03 23:45:40 | SENSOR_TYPE=temperature | value=20.54
2025-09-03 23:45:42 | SENSOR_TYPE=temperature | value=20.54
2025-09-03 23:45:44 | SENSOR_TYPE=temperature | value=20.97
2025-09-03 23:45:46 | SENSOR_TYPE=temperature | value=27.93
2025-09-03 23:45:48 | SENSOR_TYPE=temperature | value=29.18
2025-09-03 23:45:50 | SENSOR_TYPE=temperature | value=29.18
2025-09-03 23:45:52 | SENSOR_TYPE=temperature | value=24.26
2025-09-03 23:45:54 | SENSOR_TYPE=temperature | value=24.26
2025-09-03 23:45:56 | SENSOR_TYPE=temperature | value=24.26
2025-09-03 23:45:56 | SENSOR_TYPE=temperature | value=25.36
nada@nada-Dell-G15-5515:~/lot_logger$ grep "20" logs/temperature.log > logs/filtered.log
nada@nada-Dell-G15-5515:~/lot_logger$ grep "20.23" logs/temperature.log > logs/filtered.log
nada@nada-Dell-G15-5515:~/lot_logger$ grep "[20.23]" logs/temperature.log > logs/filtered.log
nada@nada-Dell-G15-5515:~/lot_logger$ cat filtered.log
             cat: filtered.log: No such file or directory
             nada@nada-Dell-GIS-5515:~/lot_logger$ cat logs/filtered.log
Temperature: 22°C at 02 2025 سبت, EEST 10:57:43
             م EEST 10:57:45 م EEST 10:57:45 م EEST 10:57:45 سبت. EEST 10:57:45 م Temperature: 21 °C at 02 2025
             م EEST 10:57:49 سبت, Temperature: 22 °C at 02 2025
             م EEST 10:57:51 سبت, EEST 26 °C at 02 2025
             م EEST 10:57:53 م EEST 10:57:53 م Eest 10:57:53 م Temperature: 23 °C at 02 2025
م EEST 10:57:55 سبت, EEST 10:57:55 م Eest 10:57:55
             م EEST 10:57:57 مبت, EEST 10:57:57
             م EEST 10:57:59 م EEST 10:57:59 م EEST 10:57:59 م Temperature: 28 °C at 02 2025
م EEST 10:58:01 م EEST 10:58:01 م EEST 10:58:01
             م EEST 10:58:03 سيت. EEST 10:58:03 م EEST 10:58:03 سيت. EEST 10:58:03 م
```

```
Activities

    Terminal ▼

      cat: filtered.log: No such file or directory
      nada@nada-Dell-G15-5515:~/tot logger$ cat logs/filtered.log
      م EEST 10:57:43 سبت, EEST 10:57:43 م
      م EEST 10:57:45 سيت, 2025 °C at 02 2025
      م EEST 10:57:47 سبت, Temperature: 21 °C at 02 2025
      م EEST 10:57:49 سبت, EEST 10:57:49
      م EEST 10:57:51 سبت, EEST 10:57:51 م
      م EEST 10:57:53 سبت, EEST 10:57:53
      م EEST 10:57:55 سبت, EEST 10:57:55 م
      م EEST 10:57:57 م EEST 10:57:57 م EEST 10:57:57
      م EEST 10:57:59 سبت, EEST 10:57:59
      م EEST 10:58:01 سيت, EEST 10:58:01 م
      م EEST 10:58:03 سيت, Temperature: 23 °C at 02 2025
      م EEST 10:58:06 سبت, Temperature: 26 °C at 02 2025
      م EEST 10:58:08 سبت, EEST 10:58:08 م Temperature: 22 °C at 02 2025 سبت, EEST 10:58:08 م Temperature: 22 °C at 02 2025 سبت, EEST 10:58:10 م
      م EEST 10:58:14 سيت, EEST 10:58:14 و Temperature: 23 °C at 02
      م EEST 10:58:16 سبت, EEST 10:58:16 م Temperature: 28 °C at 02 2025
م EEST 10:58:18 سبت, EEST 10:58:18
      م EEST 10:58:20 سبت, Temperature: 26 °C at 02 2025
م EEST 10:58:20 سبت, EEST 10:58:22 م
      م EEST 10:58:24 سبت, EEST 10:58:24
      م EEST 10:58:26 سبت, EEST 10:58:26 م EEST 10:58:26
      م EEST 10:58:28 سبت, EEST 10:58:28 م
      م EEST 10:58:30 سبت, Temperature: 23 °C at 02 2025
      م EEST 10:58:32 سبت, EEST 10:58:32 م
      م EEST 10:58:34 سبت, Temperature: 20 °C at 02 2025
      م EEST 10:58:36 سبت, Temperature: 24 °C at 02 2025
      م EEST 10:58:38 سيت, EEST 10:58:38
      م EEST 10:58:40 سبت, EEST 10:58:40 م
      م EEST 10:58:42 م EEST 10:58:42 سبت, EEST 20:58:42
      م EEST 10:58:44 سبت, EEST 10:58:44 م EEST 10:58:44
      م EEST 10:58:46 سبت, EEST 10:58:46 م EEST 10:58:46
      م EEST 10:58:48 سبت, Temperature: 21 °C at 02 2025
      م EEST 10:58:50 م EEST 10:58:50 سبت, Temperature: 21 °C at 02 2025
      م EEST 10:58:52 م EEST 10:58:52 سبت, EEST 24 °C at 02
      م EEST 10:58:54 سيت, EEST 10:58:54 م
      م EEST 10:58:56 سبت, EEST 10:58:56 م EEST 10:58:56
      م EEST 10:58:58 م EEST 10:58:58 سبت, EEST 21 °C at 02 2025
      م EEST 10:59:00 سبت, EEST 10:59:00
      م EEST 10:59:02 سبت, Temperature: 27 °C at 02 2025
      م EEST 10:59:04 سبت, EEST 10:59:04 م
      م EEST 10:59:06 سبت, EEST 10:59:06 م EEST 10:59:06
      م EEST 10:59:08 سبت, EEST 10:59:08
      م EEST 10:59:10 مست, EEST 10:59:10 م
      م EEST 10:59:12 م EEST 10:59:12 سبت, Temperature: 22 °C at 02 2025
      م EEST 10:59:14 سبت, EEST 10:59:14 م EEST 10:59:14
      م EEST 10:59:16 سبت, EEST 27 °C at 02 2025
      م EEST 10:59:18 سبت, Temperature: 27 °C at 02 2025
      م EEST 10:59:20 م EEST 10:59:20 سبت, Temperature: 21 °C at 02 2025
      م EEST 10:59:22 م EEST 10:59:22 سيت, EEST 29°C at 02
      م EEST 10:59:24 سبت, EEST 10:59:24 م EEST 10:59:24 سبت, EEST 10:59:24 م EEST 10:59:26 م EEST 10:59:26 م EEST 10:59:26 م
```

م EEST 10:59:30 سبت, EEST 10:59:30 Temperature: 26 °C at 02 2025

Activities Terminal ▼ 23:5 nada@nada 2025-09-03 23:45:46 | SENSOR_TYPE=temperature | value=27.93 2025-09-03 23:45:48 | SENSOR_TYPE=temperature | value=29.18 2025-09-03 23:45:50 | SENSOR_TYPE=temperature | value=26.62 2025-09-03 23:45:52 | SENSOR_TYPE=temperature | value=24.26 2025-09-03 23:45:54 | SENSOR_TYPE=temperature | value=28.72 2025-09-03 23:45:56 | SENSOR_TYPE=temperature | value=25.36 nada@nada-Dell-G15-5515:~/lot_logger\$ cp logs/*.log data/ nada@nada-Dell-G15-5515:~/lot_logger\$ ls -l data/ total 88 filtered.log سبت 33346 23:49 3 -rw-rw-r-- 1 nada nada services أهُن 31 152.51 14464 14664 1865 ----temperature.log سیت 33346 23:49 3 سیت test.log -rwxrwx--- 1 nada nada -rw-rw-r-- 1 nada nada nada@nada-Dell-G15-5515:~/tot_logger\$ unset SENSOR_TYPE nada@nada-Dell-G15-5515:~/tot_logger\$ cd nada@nada-Dell-G15-5515: \$ (ls -l; sleep 10) | grep .py nada@nada-Dell-G15-5515:~\$ ps aux | grep grep | grep .py S+ 23:52 0:00 grep --color=auto 4734 0.0 0.0 9048 716 pts/0 nada nada@nada-Dell-G15-5515:-\$ ls -l /proc/<4734>/fd bash: syntax error near unexpected token '4734 nada@nada-Dell-G15-5515:~\$ ls -l /proc/4734/fd ls: cannot access '/proc/4734/fd': No such file or directory nada 4743 0.0 0.0 9048 720 pts/0 S+ 2: nada@nada-Dell-G15-5515:-\$ (ls -l; sleep 10) | grep .py (ls --color=auto -l; sleep 10) | grep --color=auto .py [4]+ Stopped nada@nada-Dell-G15-5515:-\$ ps aux | grep grep | grep .py 4749 0.0 0.0 9048 4756 0.0 0.0 9048 716 pts/0 T 23:52 0:00 grep --color=auto 716 pts/0 5+ 23:53 0:00 grep --color=auto nada nada@nada-Dell-G15-5515: \$ (ls -l; sleep 10) | grep .py ^Z [5]+ Stopped (ls --color=auto -l; sleep 10) | grep --color=auto .py nada@nada-Dell-G15-5515:-\$ ps aux | grep grep | grep .py 9048 4749 0.0 0.0 716 pts/0 T 23:52 0:00 grep --color=auto 4766 0.0 0.0 4771 0.0 0.0 9048 716 pts/0 23:53 0:00 grep --color=auto nada 0:00 grep --color=auto 9048 nada 720 pts/0 5+ 23:53 nada@nada-Dell-G15-5515: \$ ls -l /proc/4771/fd ls: cannot access '/proc/4771/fd': No such file or directory nada@nada-Dell-G15-5515:-\$ (ls -l; sleep 20) | grep .py ^Z [6]+ Stopped (ls --color=auto -l; sleep 20) | grep --color=auto .py nada@nada-Dell-G15-5515:~\$ ps aux | grep grep | grep .py 4749 0.0 0.0 23:52 nada 9048 716 pts/0 0:00 grep --color=auto 4766 0.0 0.0 9048 0:00 grep --color=auto 716 pts/0 23:53 4787 0.0 0.0 0:00 grep --color=auto 9048 nada 720 pts/0 23:55 4793 0.0 0.0 9048 nada 720 pts/0 S+ 23:55 0:00 grep --color=auto nada@nada-Dell-G15-5515: \$ ls -l /proc/4787/fd total 0 المارة - سيت 3 23:55 المارة - سيت 4 23:55 المارة - سيت 4 23:55 المارة - سيت 5 23:55 المارة nada@nada-Dell-G15-5515:-\$ ls -l /proc/4793/fd ls: cannot access '/proc/4793/fd': No such file or directory

nada@nada-Dell-G15-5515:-\$