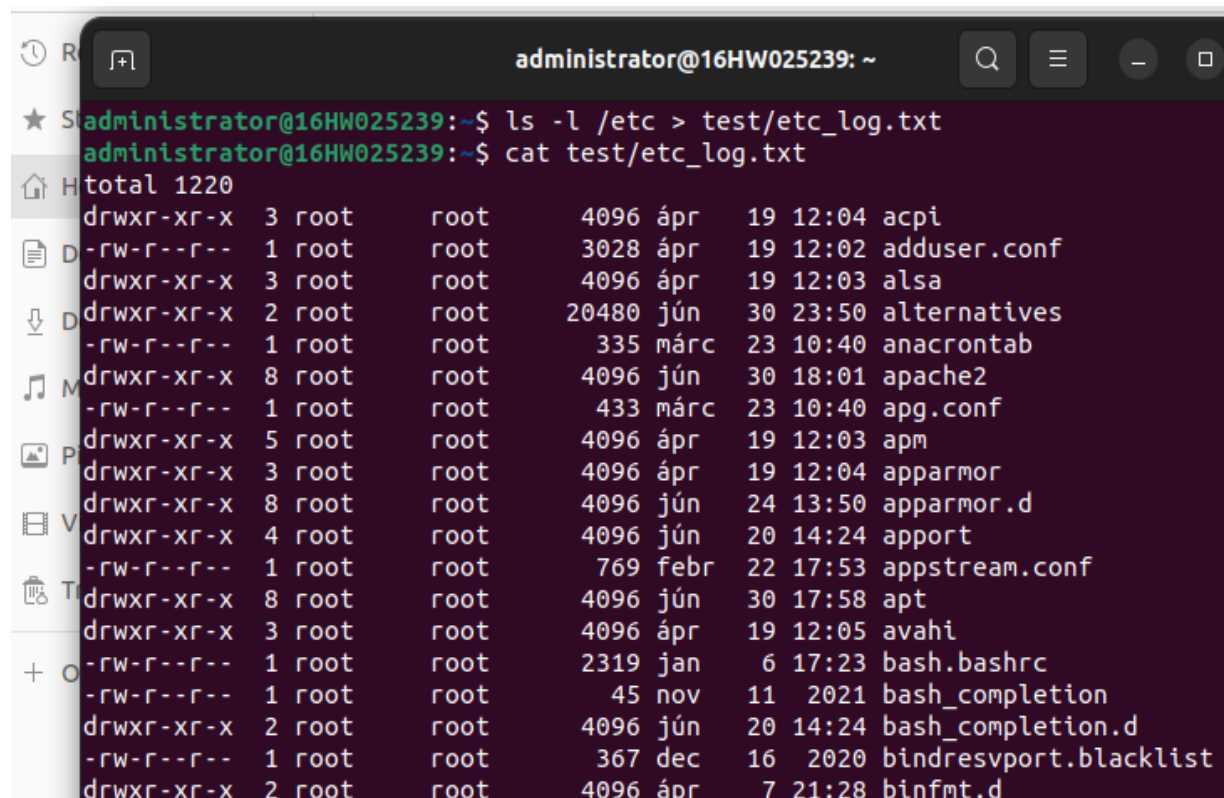


```

administrator@16HW025239:~$ mkdir test
administrator@16HW025239:~$ cd test/
administrator@16HW025239:~/test$ touch etc_log.txt
administrator@16HW025239:~/test$ chmod 777 etc_log.txt
administrator@16HW025239:~/test$ cd /etc
administrator@16HW025239:/etc$ ls -l
total 1220
-rwxr-xr-x  3 root    root      4096 ápr  19 12:04 acpi
-rw-r--r--  1 root    root      3028 ápr  19 12:02 adduser.conf
-rwxr-xr-x  3 root    root      4096 ápr  19 12:03 alsa
-rwxr-xr-x  2 root    root     20480 jún  30 23:50 alternatives
-rw-r--r--  1 root    root       335 márc  23 10:40 anacrontab
-rwxr-xr-x  8 root    root      4096 jún  30 18:01 apache2
-rw-r--r--  1 root    root       433 márc  23 10:40 apg.conf
-rwxr-xr-x  5 root    root      4096 ápr  19 12:03 apm
-rwxr-xr-x  3 root    root      4096 ápr  19 12:04 apparmor
-rwxr-xr-x  8 root    root      4096 jún  24 13:50 apparmor.d
-rwxr-xr-x  4 root    root      4096 jún  20 14:24 appport
-rw-r--r--  1 root    root       769 febr  22 17:53 appstream.conf
-rwxr-xr-x  8 root    root      4096 jún  30 17:58 apt
-rwxr-xr-x  3 root    root      4096 ápr  19 12:05 avahi
-rw-r--r--  1 root    root     2319 jan   6 17:23 bash.bashrc
-rw-r--r--  1 root    root        45 nov  11 2021 bash_completion
-rwxr-xr-x  2 root    root      4096 jún  20 14:24 bash_completion.d

```



```

administrator@16HW025239:~$ ls -l /etc > test/etc_log.txt
administrator@16HW025239:~$ cat test/etc_log.txt
total 1220
drwxr-xr-x  3 root    root      4096 ápr  19 12:04 acpi
-rw-r--r--  1 root    root      3028 ápr  19 12:02 adduser.conf
drwxr-xr-x  3 root    root      4096 ápr  19 12:03 alsa
drwxr-xr-x  2 root    root     20480 jún  30 23:50 alternatives
-rw-r--r--  1 root    root       335 márc  23 10:40 anacrontab
drwxr-xr-x  8 root    root      4096 jún  30 18:01 apache2
-rw-r--r--  1 root    root       433 márc  23 10:40 apg.conf
drwxr-xr-x  5 root    root      4096 ápr  19 12:03 apm
drwxr-xr-x  3 root    root      4096 ápr  19 12:04 apparmor
drwxr-xr-x  8 root    root      4096 jún  24 13:50 apparmor.d
drwxr-xr-x  4 root    root      4096 jún  20 14:24 appport
-rw-r--r--  1 root    root       769 febr  22 17:53 appstream.conf
drwxr-xr-x  8 root    root      4096 jún  30 17:58 apt
drwxr-xr-x  3 root    root      4096 ápr  19 12:05 avahi
-rw-r--r--  1 root    root     2319 jan   6 17:23 bash.bashrc
-rw-r--r--  1 root    root        45 nov  11 2021 bash_completion
drwxr-xr-x  2 root    root      4096 jún  20 14:24 bash_completion.d
-rw-r--r--  1 root    root       367 dec  16 2020 bindresvport.blacklist
drwxr-xr-x  2 root    root      4096 ápr  7 21:28 binfmt.d

```

Task 2

```
(base) administrator@16HW025239:~$ touch dataLogger.sh
(base) administrator@16HW025239:~$ nano dataLogger.sh
(base) administrator@16HW025239:~$ bash dataLogger.sh
(base) administrator@16HW025239:~$
```

```
GNU nano 6.2
echo 'Store new data \i\n here' >> demand_data.txt && echo '$(date)' >> demands.log
```

Task 3

```
Activities Terminal jun 30 16:42 administrator@16HW025239: ~  
administrator@16HW025239:~$ sudo -u postgres psql  
[sudo] password for administrator:  
could not change directory to "/home/administrator": Permission denied  
psql (14.3 (Ubuntu 14.3-0ubuntu0.22.04.1))  
Type "help" for help.  
  
postgres=# ALTER USER postgres PASSWORD 'root';  
ALTER ROLE  
postgres=# \q  
administrator@16HW025239:~$ psql -u postgres -h localhost  
/usr/lib/postgresql/14/bin/psql: invalid option -- 'u'  
Try 'psql --help' for more information.  
administrator@16HW025239:~$ psql -U postgres -h localhost  
Password for user postgres:  
psql (14.3 (Ubuntu 14.3-0ubuntu0.22.04.1))  
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)  
Type "help" for help.  
  
postgres=# \l  
List of databases  
+-----+-----+-----+-----+-----+-----+  
Name | Owner | Encoding | Collate | Ctype | Access privileges  
+-----+-----+-----+-----+-----+-----+  
postgres | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | =c/postgres  
template0 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | postgres=CTc/postgres +  
template1 | postgres | UTF8 | en_US.UTF-8 | en_US.UTF-8 | =c/postgres  
(3 rows)  
  
postgres=#
```

Post gress installation

```
(base) administrator@16HW025239:~$ sudo service postgresql start  
(base) administrator@16HW025239:~$ sudo -u postgres psql  
could not change directory to "/home/administrator": Permission denied  
psql (14.3 (Ubuntu 14.3-0ubuntu0.22.04.1))  
Type "help" for help.  
  
postgres=# CREATE DATABASE "assignment" WITH TEMPLATE /Home/test/chinook.db
```

```
administrator@16HW025239: ~  
(base) administrator@16HW025239:~$ sudo service postgresql start  
[sudo] password for administrator:  
(base) administrator@16HW025239:~$ sudo -u postgres psql  
could not change directory to "/home/administrator": Permission denied  
psql (14.3 (Ubuntu 14.3-0ubuntu0.22.04.1))  
Type "help" for help.  
  
postgres=# CREATE DATABASE chinook;  
CREATE DATABASE  
postgres=# \l  
postgres=#
```