Task 3

```
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 |
 template0  | postgres | UTF8     | en_US.UTF-8 | en_US.UTF-8 | =c/postgres          +
            |          |          |            |            | postgres=CTc/postgres
 template1  | postgres | UTF8     | en_US.UTF-8 | en_US.UTF-8 | =c/postgres          +
            |          |          |            |            | postgres=CTc/postgres
(3 rows)

postgres=#
```

```
(base) administrator@16HW025239:~$ createdb chinook
createdb: error: database creation failed: ERROR:  database "chinook" already exists
(base) administrator@16HW025239:~$ psql chinook -1 -f ~/Downloads/chinook_pg_serial_pk_proper_naming.sql &>erro
(base) administrator@16HW025239:~$ psql chinook
psql (14.3 (Ubuntu 14.3-0ubuntu0.22.04.1))
Type "help" for help.

chinook=# \d
                      List of relations
 Schema |              Name               |   Type   |    Owner
--------+---------------------------------+----------+---------------
 public | actor                           | table    | administrator
 public | actor_actor_id_seq              | sequence | administrator
 public | album                           | table    | administrator
 public | album_album_id_seq              | sequence | administrator
 public | artist                          | table    | administrator
 public | artist_artist_id_seq            | sequence | administrator
 public | category                        | table    | administrator
 public | category_category_id_seq        | sequence | administrator
 public | customer                        | table    | administrator
 public | customer_customer_id_seq        | sequence | administrator
 public | employee                        | table    | administrator
 public | employee_employee_id_seq        | sequence | administrator
 public | film                            | table    | administrator
 public | film_actor                      | table    | administrator
 public | film_category                   | table    | administrator
 public | film_film_id_seq                | sequence | administrator
 public | genre                           | table    | administrator
 public | genre_genre_id_seq              | sequence | administrator
 public | invoice                         | table    | administrator
 public | invoice_invoice_id_seq          | sequence | administrator
 public | invoice_line                    | table    | administrator
 public | invoiceline_invoiceline_id_seq  | sequence | administrator
 public | media_type                      | table    | administrator
 public | mediatype_mediatype_id_seq      | sequence | administrator
 public | playlist                        | table    | administrator
 public | playlist_playlist_id_seq        | sequence | administrator
 public | playlist_track                  | table    | administrator
 public | track                           | table    | administrator
 public | track_track_id_seq              | sequence | administrator
(29 rows)

chinook=#
```
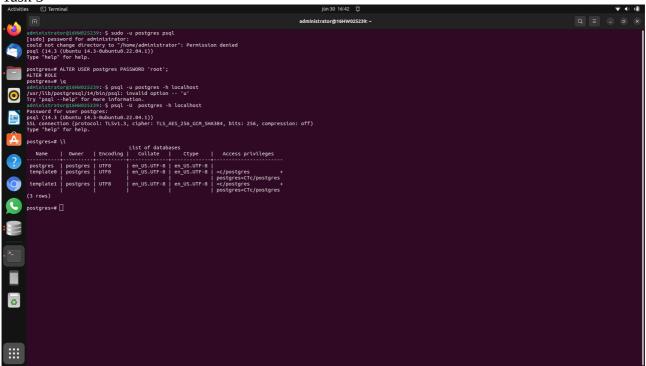
```bash
#!/bin/bash
echo " Reading configuration file $CONFIG "

conf_file=$CONFIG

while IFS= read -r line; do
  line=${line%%#*}
  case $line in
    *=*)
      var=${line%%=*}
      case $var in
        *[!A-Z_a-z]*)
          echo "Warning: invalid variable name $var ignored" >&2
          continue;;
      esac
      if eval '[ -n "${'$var'+1}" ]'; then
        echo "Warning: variable $var already set, redefinition ignored" >&2
        continue
      fi
      line=${line#*=}
      eval $var='"$line"'
  esac
done <"$conf_file"

echo " Reading configuration file $CONFIG "

echo " Database Host =$DB_Port
    Database Name = $DB_name
    Database Username = $Uname
    Password=$pwd"
```