Question 1

1.
Install MYSQL on your Ubuntu machine
Username: JackSparrow
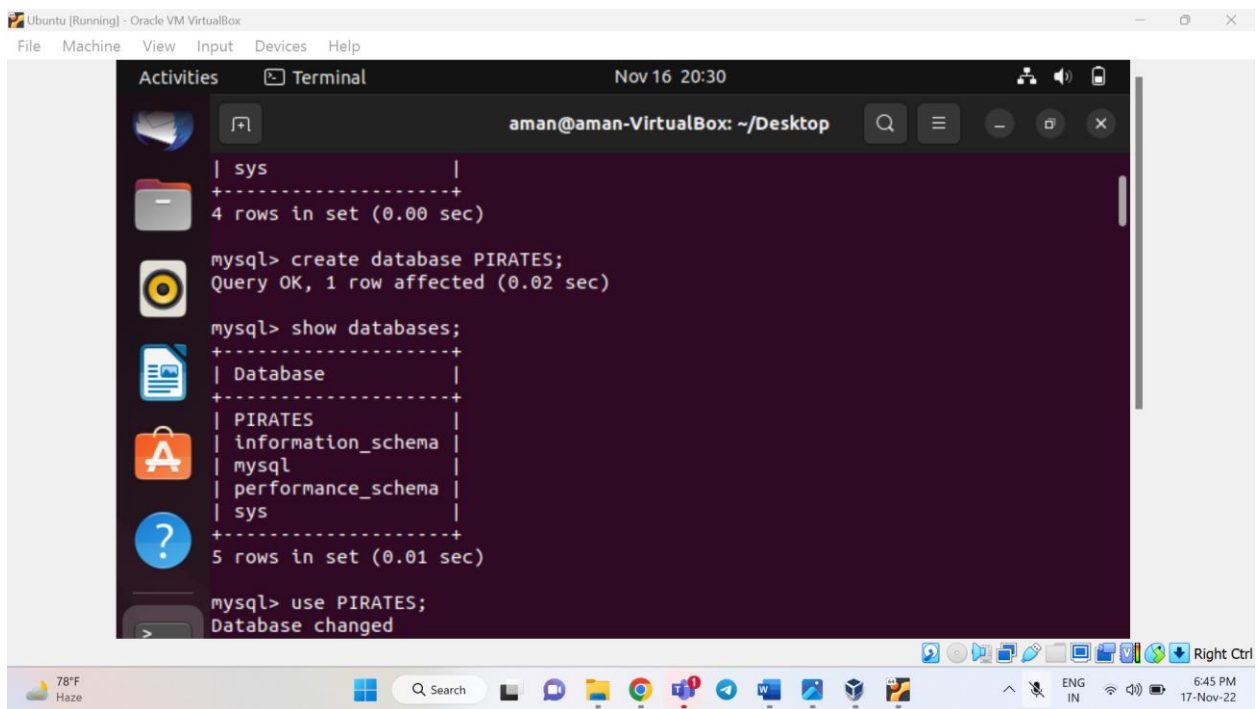Password: p!r@t35s
DB name: PIRATES
Create a table under this DB PIRATES with the attributes below

PIRATE_NAME	PIRATE_LAST_NAME	WEAPON_OF_CHOICE

Solution :

File   Machine   View   Input   Devices   Help

Activities   Terminal   Nov 16 20:30

aman@aman-VirtualBox: ~/Desktop

```
mysql> create table pirate_details (PIRATE_NAME varchar(20),PIRATE_LASTNAME var
char(15) , WEAPON_OF_CHOICE varchar(15));
Query OK, 0 rows affected (0.07 sec)

mysql> show tables;
+-------------------+
| Tables_in_PIRATES |
+-------------------+
| pirate_details    |
+-------------------+
1 row in set (0.00 sec)

mysql> desc pirate_details;
+------------------+-------------+------+-----+---------+-------+
| Field            | Type        | Null | Key | Default | Extra |
+------------------+-------------+------+-----+---------+-------+
| PIRATE_NAME      | varchar(20) | YES  |     | NULL    |       |
| PIRATE_LASTNAME  | varchar(15) | YES  |     | NULL    |       |
| WEAPON_OF_CHOICE | varchar(15) | YES  |     | NULL    |       |
+------------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)
```

Right Ctrl

78°F
Haze

Q Search

ENG
IN

6:45 PM
17-Nov-22

File   Machine   View   Input   Devices   Help

Activities   Terminal   Nov 16 20:31

aman@aman-VirtualBox: ~/Desktop

```
| WEAPON_OF_CHOICE | varchar(15) | YES  |     | NULL    |       |
+------------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> insert into pirate_details("Aman","Khan","Sword");
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
 corresponds to your MySQL server version for the right syntax to use near '"Am
an","Khan","Sword")' at line 1
mysql> insert into pirate_details values("Aman","Khan","Sword");
Query OK, 1 row affected (0.02 sec)

mysql> select * from pirate_details;
+-------------+-----------------+------------------+
| PIRATE_NAME | PIRATE_LASTNAME | WEAPON_OF_CHOICE |
+-------------+-----------------+------------------+
| Aman        | Khan            | Sword            |
+-------------+-----------------+------------------+
1 row in set (0.00 sec)

mysql> quit
Bye
```

Right Ctrl

78°F
Haze

Q Search

ENG
IN

6:45 PM
17-Nov-22

Code :

```
<pre><font color="#26A269"><b>aman@aman-VirtualBox</b></font>:<font color="#12488B"><b>~</b></font>$ sudo mysql -u root
```

[sudo] password for aman:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 8.0.31-0ubuntu0.22.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

```
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
```

4 rows in set (0.00 sec)

mysql> create database PIRATES;

Query OK, 1 row affected (0.02 sec)

mysql> show databases;

```
+--------------------+
| Database           |
+--------------------+
| PIRATES            |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
```

5 rows in set (0.01 sec)

mysql> use PIRATES;

Database changed

mysql> create table pirate_details (PIRATE_NAME varchar(20),PIRATE_LASTNAME varchar(15) , WEAPON_OF_CHOICE varchar(15));

Query OK, 0 rows affected (0.07 sec)

mysql> show tables;

```
+-------------------+
| Tables_in_PIRATES |
+-------------------+
| pirate_details    |
+-------------------+
```

1 row in set (0.00 sec)

mysql> desc pirate_details;

+------------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------------+-------------+------+-----+---------+-------+

| PIRATE_NAME | varchar(20) | YES | | NULL | |

| PIRATE_LASTNAME | varchar(15) | YES | | NULL | |

| WEAPON_OF_CHOICE | varchar(15) | YES | | NULL | |

+------------------+-------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> insert into pirate_details("Aman","Khan","Sword");

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '"Aman","Khan","Sword")' at line 1

mysql> insert into pirate_details values("Aman","Khan","Sword");

Query OK, 1 row affected (0.02 sec)

mysql> select * from pirate_details;

+-------------+----------------+------------------+

| PIRATE_NAME | PIRATE_LASTNAME | WEAPON_OF_CHOICE |

+-------------+----------------+------------------+

| Aman | Khan | Sword |

+-------------+----------------+------------------+

1 row in set (0.00 sec)

mysql> quit

</pre>