LAB-2

Q-1

```
1    CREATE DATABASE Company;
```

Action Output

#	Time	Action
✓	1 06:55:26	CREATE DATABASE Company

Q-2

Limit to 1000 rows

```
1  ●    USE company;
2  ● ⊖  CREATE TABLE Employee (
3            Emp_Id VARCHAR(20) PRIMARY KEY,
4            Name CHAR(20) NOT NULL,
5            Age INT NOT NULL,
6            R_Address VARCHAR(25) NOT NULL,
7            Salary FLOAT NOT NULL
8        );
```

Action Output

#	Time	Action	Message
✓	1 07:17:07	USE company	0 row(s) affected
✓	2 07:17:31	CREATE TABLE Employee (Emp_Id VARCHAR(20) PRIMARY KEY, Name CHAR(20) NO...	0 row(s) affected

Q-3

```
 9
10 ●   INSERT INTO Employee (Emp_Id, Name, Age, R_Address, Salary) VALUES
11     ('Emp_01', 'Danish', 28, 'Nawabshah', 20000),
12     ('Emp_02', 'Khuram', 32, 'Hyderabad', 15000),
13     ('Emp_03', 'Ahmed', 25, 'Karachi', 20000),
14     ('Emp_04', 'Adnan', 23, 'Sukkur', 65000),
15     ('Emp_05', 'Bilal', 27, 'Larkana', 30000),
16     ('Emp_06', 'Imran', 22, 'Larkana', 40000),
17     ('Emp_07', 'Ayaz', 24, 'Karachi', 50000);
```

Output

Action Output

#	Time	Action	Message
✅ 1	07:17:07	USE company	0 row(s) affected
✅ 2	07:17:31	CREATE TABLE Employee (Emp_Id VARCHAR(20) PRIMARY KEY, Name CHAR(20) NO...	0 row(s) affected
✅ 3	07:21:55	INSERT INTO Employee (Emp_Id, Name, Age, R_Address, Salary) VALUES ('Emp_01', 'Danish...	7 row(s) affected Recor

Q-4

```
18
19 ●   SELECT Name, R_Address, Salary
20     FROM Employee;
```

Result Grid | Filter Rows:

Name	R_Address	Salary
Danish	Nawabshah	20000
Khuram	Hyderabad	15000
Ahmed	Karachi	20000
Adnan	Sukkur	65000
Bilal	Larkana	30000
Imran	Larkana	40000
Ayaz	Karachi	50000

Q-5

```
22 ●    SELECT *
23      FROM Employee;
```

Result Grid | Filter Rows:

Emp_Id	Name	Age	R_Address	Salary
Emp_01	Danish	28	Nawabshah	20000
Emp_02	Khuram	32	Hyderabad	15000
Emp_03	Ahmed	25	Karachi	20000
Emp_04	Adnan	23	Sukkur	65000
Emp_05	Bilal	27	Larkana	30000
Emp_06	Imran	22	Larkana	40000
Emp_07	Ayaz	24	Karachi	50000
NULL	NULL	NULL	NULL	NULL

Q-6

a)

```
19 ●    Select* from Employee
20      Where R_Address='Nawabshah' and R_Address='Larkana'
```

Result Grid | Filter Rows: | Edit: | Export/

Emp_Id	Name	Age	R_Address	Salary
NULL	NULL	NULL	NULL	NULL

b)

```
21
22 ✕    SELECT Emp_Id,Salary,R_Address from Employee
23      Where Salary>=30000
```

Result Grid | Filter Rows: | Edit:

Emp_Id	Salary	R_Address
Emp_04	65000	Sukkur
Emp_05	30000	Larkana
Emp_06	40000	Larkana
Emp_07	50000	Karachi
NULL	NULL	NULL

c)

```
24
25      Select Name,Age,R_Address from Employee
26      Where age<=27
```

Name	Age	R_Address
Ahmed	25	Karachi
Adnan	23	Sukkur
Bilal	27	Larkana
Imran	22	Larkana
Ayaz	24	Karachi

d)

```
24
25 ☒    Select * from Employee
26      Where R_Address!='Larkana'
```

Emp_Id	Name	Age	R_Address	Salary
Emp_01	Danish	28	Nawabshah	20000
Emp_02	Khuram	32	Hyderabad	15000
Emp_03	Ahmed	25	Karachi	20000
Emp_04	Adnan	23	Sukkur	65000
Emp_07	Ayaz	24	Karachi	50000
NULL	NULL	NULL	NULL	NULL

Employee 9 ∨

e)

```
23
24 ☒    Select Name,Salary,R_Address From Employee
```

Name	Salary	R_Address
Adnan	65000	Sukkur