DBMS Lab Assessment-02

Creating Table:

```
USE lab;
CREATE TABLE Teacher_info(
USE lab;
CREATE TABLE Teacher_info(
    Salary int not null,
    Name varchar(20) not null,
    Desk int not null,
    Dept varchar(5) not null,
    Rank varchar(15) not null,
    Country varchar(20) not null
);
```

Inserting values in Table:

```
1  INSERT INTO
   Teacher_info(Salary,Name,Desk,Dept,Rank,Country)
2  VALUES(
3      35000,
4      "Jones",
5      220,
6      "Econ",
7      "Adjunct",
8      "US"
9  );
```
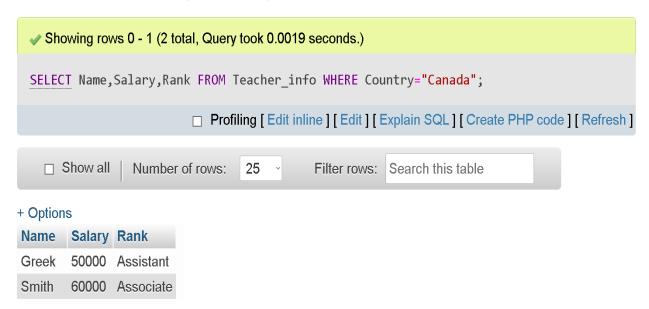
Question no: 1 (Answer):

```
SELECT * FROM Teacher_info WHERE Dept='CSE';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ᵛ   Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
45000	Smith	400	CSE	Assistant	US
65000	Brown	410	CSE	Associate	US
55000	Baki	107	CSE	Assistant	India

Question no: 2 (Answer):

```
SELECT * FROM Teacher_info WHERE Rank='Associate';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ᵛ   Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
65000	Brown	410	CSE	Associate	US
60000	Smith	500	Fin	Associate	Canada

Question no: 3 (Answer):

✔ Showing rows 0 - 1 (2 total, Query took 0.0019 seconds.)

```sql
SELECT Name,Salary,Rank FROM Teacher_info WHERE Country="Canada";
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

+ Options

Name	Salary	Rank
Greek	50000	Assistant
Smith	60000	Associate

Question no: 4 (Answer):

✔ Showing rows 0 - 0 (1 total, Query took 0.0018 seconds.)

```sql
SELECT * FROM Teacher_info WHERE Name='Smith' and Rank='Assistant';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
45000	Smith	400	CSE	Assistant	US

Question no: 5 (Answer):

✔ Showing rows 0 - 3 (4 total, Query took 0.0016 seconds.)

```sql
SELECT * FROM Teacher_info WHERE Name='Smith' or Rank='Assistant';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
45000	Smith	400	CSE	Assistant	US
50000	Greek	160	Econ	Assistant	Canada
60000	Smith	500	Fin	Associate	Canada
55000	Baki	107	CSE	Assistant	India

Question no: 6 (Answer):

✔ Showing rows 0 - 2 (3 total, Query took 0.0020 seconds.)

```sql
SELECT * FROM Teacher_info WHERE Dept != 'CSE' or Rank = 'Adjunct';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
35000	Jones	220	Econ	Adjunct	US
50000	Greek	160	Econ	Assistant	Canada
60000	Smith	500	Fin	Associate	Canada

Question no: 7 (Answer):

```sql
SELECT * FROM Teacher_info WHERE Country='US' and Salary > 50000 or
Rank='Assistant';
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

Salary	Name	Desk	Dept	Rank	Country
45000	Smith	400	CSE	Assistant	US
50000	Greek	160	Econ	Assistant	Canada
65000	Brown	410	CSE	Associate	US
55000	Baki	107	CSE	Assistant	India

THE END