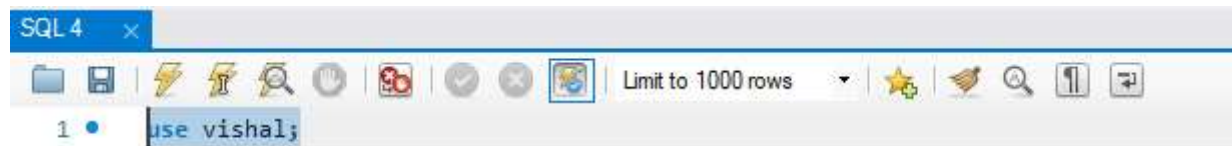
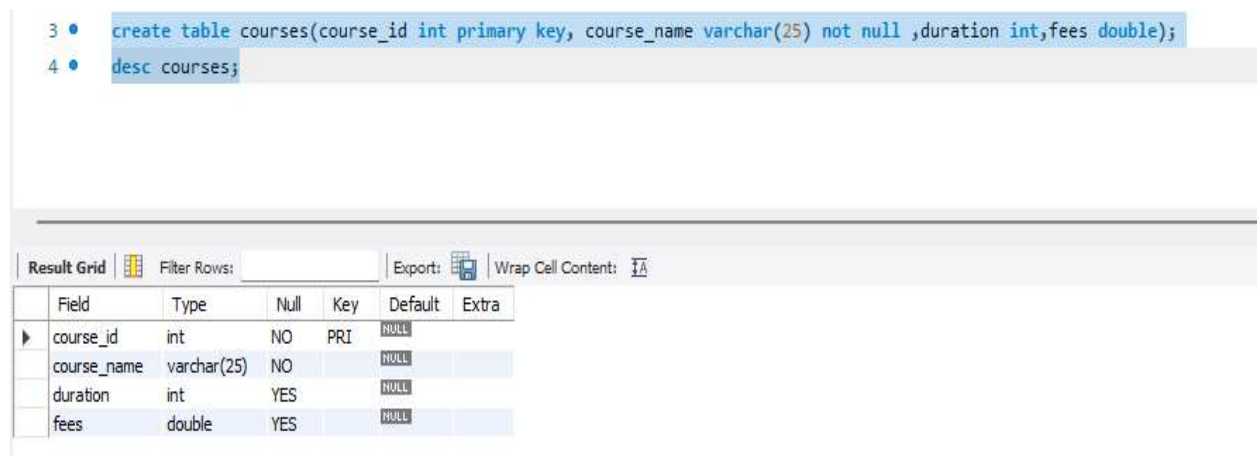


Name: Vishal Rajesh Mahajan  
Roll No:68 SE INFT A  
EXP NO: 4

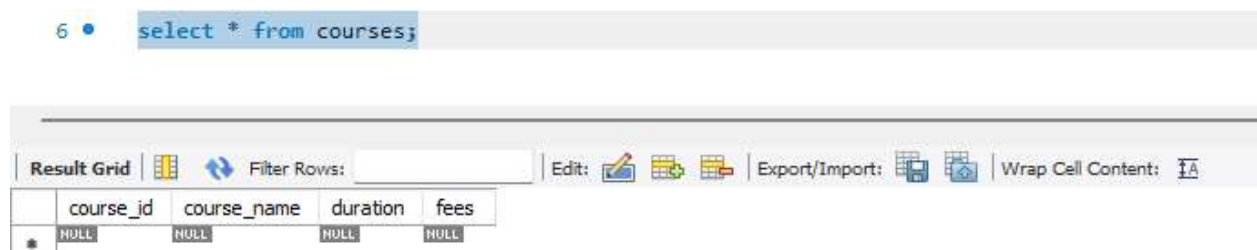
### 1.Using already created database “Vishal” in EXP4



### 2.Creating Table Courses in Database



### 3.Viewing all values inside the Table Courses using “SELECT” command and “ \* ”[All values]



#### 4.Inserting values into Courses using “INSERT” command

```
8 • insert into courses values(1,"SQL",6,100000);
9 • select * from courses;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

|   | course_id | course_name | duration | fees   |
|---|-----------|-------------|----------|--------|
| ▶ | 1         | SQL         | 6        | 100000 |
| * | NULL      | NULL        | NULL     | NULL   |

#### 5.Inserting Multiple values in Courses using “INSERT” command

```
11 • insert into courses values(2,"DSA",12,100000),
12 •      (3,"Python",2,50000),
13 •      (4,"Java",5,100000),
14 •      (25,"jupyter",4,100000);
15 • select * from courses;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

|   | course_id | course_name | duration | fees   |
|---|-----------|-------------|----------|--------|
| ▶ | 1         | SQL         | 6        | 100000 |
|   | 2         | DSA         | 12       | 100000 |
|   | 3         | Python      | 2        | 50000  |
|   | 4         | Java        | 5        | 100000 |
|   | 25        | jupyter     | 4        | 100000 |
| * | NULL      | NULL        | NULL     | NULL   |

#### 6.Selecting Single attribute course\_name using “SELECT” followed by attribute name.

```
17 • select course_name from courses;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

|   | course_name |
|---|-------------|
| ▶ | SQL         |
|   | DSA         |
|   | Python      |
|   | Java        |
|   | jupyter     |

## 7.Deleting values from Courses using “DELETE” and “WHERE” command

```
19 • delete from courses where course_id=25;  
20 • select * from courses;
```

| Result Grid | Filter Rows: | Edit:    | Export/Import: | Wrap Cell Content: |
|-------------|--------------|----------|----------------|--------------------|
| course_id   | course_name  | duration | fees           |                    |
| 1           | SQL          | 6        | 100000         |                    |
| 2           | DSA          | 12       | 100000         |                    |
| 3           | Python       | 2        | 50000          |                    |
| 4           | Java         | 5        | 100000         |                    |
| * NULL      | NULL         | NULL     | NULL           |                    |

```
22 • delete from courses where duration=2;  
23 • select * from courses;
```

| Result Grid | Filter Rows: | Edit:    | Export/Import: | Wrap Cell Content: |
|-------------|--------------|----------|----------------|--------------------|
| course_id   | course_name  | duration | fees           |                    |
| 1           | SQL          | 6        | 100000         |                    |
| 2           | DSA          | 12       | 100000         |                    |
| 4           | Java         | 5        | 100000         |                    |
| * NULL      | NULL         | NULL     | NULL           |                    |

## 8.Updating in Table Course Using “UPDATE” and “WHERE” command

```
26 • update courses set course_name="DSA with C" where course_id=2;  
27 • select * from courses;
```

| Result Grid | Filter Rows: | Edit:    | Export/Import: | Wrap Cell Content: |
|-------------|--------------|----------|----------------|--------------------|
| course_id   | course_name  | duration | fees           |                    |
| 1           | SQL          | 6        | 100000         |                    |
| 2           | DSA with C   | 12       | 100000         |                    |
| 4           | Java         | 5        | 100000         |                    |
| * NULL      | NULL         | NULL     | NULL           |                    |

28 • `update courses set course_name="Skill lab Java" where duration=5;`

29 • `select * from courses;`

Result Grid   Filter Rows:  Edit:    Export/Import:   Wrap Cell Content: 

|   | course_id | course_name    | duration | fees   |
|---|-----------|----------------|----------|--------|
| ▶ | 1         | SQL            | 6        | 100000 |
|   | 2         | DSA with C     | 12       | 100000 |
|   | 4         | Skill lab Java | 5        | 100000 |
| * | NULL      | NULL           | NULL     | NULL   |

31 • `update courses set duration=6 where fees=100000;`

32 • `select * from courses;`

Result Grid   Filter Rows:  Edit:    Export/Import:   Wrap Cell Content: 

|   | course_id | course_name    | duration | fees   |
|---|-----------|----------------|----------|--------|
| ▶ | 1         | SQL            | 6        | 100000 |
|   | 2         | DSA with C     | 6        | 100000 |
|   | 4         | Skill lab Java | 6        | 100000 |
| * | NULL      | NULL           | NULL     | NULL   |