

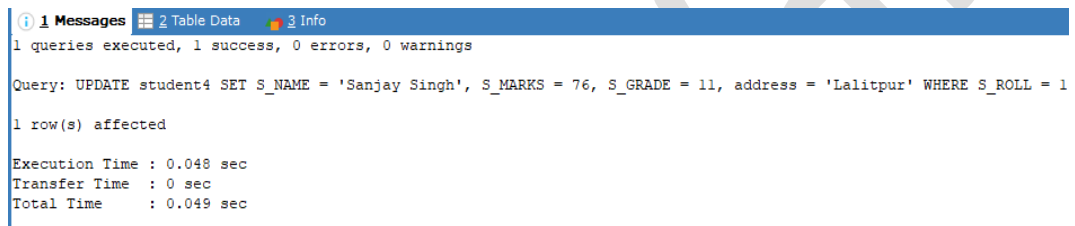
Lab 4:

1. Write SQL query to update data whose id is 1.

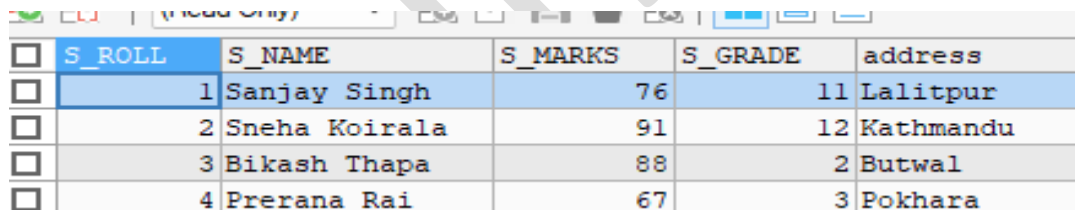
Source code:

```
UPDATE student4 SET  
S_NAME = 'Sanjay Singh',  
S_MARKS = 76,  
S_GRADE = 11,  
address = 'Lalitpur'  
WHERE S_ROLL = 1;
```

Output:



1 Messages 2 Table Data 3 Info
1 queries executed, 1 success, 0 errors, 0 warnings
Query: UPDATE student4 SET S_NAME = 'Sanjay Singh', S_MARKS = 76, S_GRADE = 11, address = 'Lalitpur' WHERE S_ROLL = 1
1 row(s) affected
Execution Time : 0.048 sec
Transfer Time : 0 sec
Total Time : 0.049 sec



<input type="checkbox"/>	S_ROLL	S_NAME	S_MARKS	S_GRADE	address
<input type="checkbox"/>	1	Sanjay Singh	76	11	Lalitpur
<input type="checkbox"/>	2	Sneha Koirala	91	12	Kathmandu
<input type="checkbox"/>	3	Bikash Thapa	88	2	Butwal
<input type="checkbox"/>	4	Prerana Rai	67	3	Pokhara

2. Write SQL code to change address into 'london' whose name is dilip.

Source code:

```
UPDATE student4 SET address = 'London' WHERE S_NAME = 'Dilip';
```

Output:

```
1 queries executed, 1 success, 0 errors, 0 warnings
```

```
Query: UPDATE student4 SET address = 'London' WHERE S_NAME = 'Dilip'
```

```
1 row(s) affected
```

```
Execution Time : 0.041 sec
```

```
Transfer Time : 0 sec
```

```
Total Time : 0.042 sec
```

5	Kiran Lama	59	4	Biratnagar
6	Dilip	82	3	London
7	Nisha Sharma	77	3	Lalitpur

3. Write SQL code to modify name whose roll no is 7.

Source code:

```
UPDATE student4 SET S_NAME = 'Nishant Sharma' WHERE S_ROLL = 7;
```

Output:

```
1 queries executed, 1 success, 0 errors, 0 warnings
```

```
Query: UPDATE student4 SET S_NAME = 'Nishant Sharma' WHERE S_ROLL = 7
```

```
1 row(s) affected
```

```
Execution Time : 0.045 sec
```

```
Transfer Time : 0.001 sec
```

```
Total Time : 0.046 sec
```

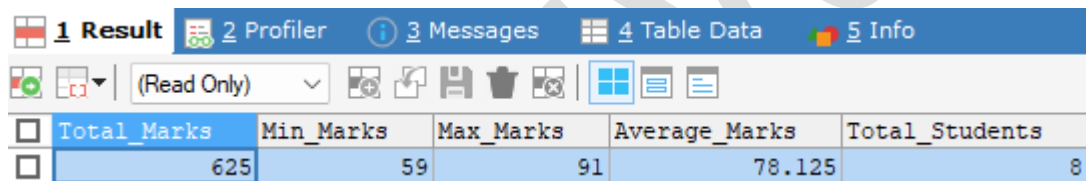
<input type="checkbox"/>	5	Kiran Lama	59	4	Biratnagar
<input type="checkbox"/>	6	Dilip	82	3	London
<input type="checkbox"/>	7	Nishant Sharma	77	3	Lalitpur
<input type="checkbox"/>	8	Dai Thana	85	4	Itahari

4. Write SQL code to display records from student table using aggregation function (SUM, MIN, MAX, AVG, COUNT).

Source code:

```
SELECT  
  
    SUM(S_MARKS) AS Total_Marks,  
  
    MIN(S_MARKS) AS Min_Marks,  
  
    MAX(S_MARKS) AS Max_Marks,  
  
    AVG(S_MARKS) AS Average_Marks,  
  
    COUNT(*) AS Total_Students  
  
FROM student4;
```

Output:



1 Result					
(Read Only)					
	Total_Marks	Min_Marks	Max_Marks	Average_Marks	Total_Students
	625	59	91	78.125	8