Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Student Id: 20041299

Semester: 4

Date:

Practical 02: Implementation of DML Commands

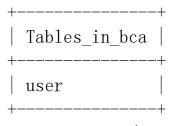
<u>Objective:</u> Implementation of DML commands of SQL with suitable examples

Insert Update Delete

Output:

1. <u>Insert in Table:</u>

mysql> use bca; Database changed mysql> show tables;



1 row in set (0.03 sec)

mysql> create table students(rollno INT PRIMARY KEY, firstname varchar(20), lastname varchar(20)); Query OK, O rows affected (1.58 sec)

mysql> desc students;

+	+ Type +	+ Null +	+ Key +	Default	+ Extra
	int varchar(20) varchar(20)	YES	PRI 	NULL NULL NULL	

```
3 \text{ rows in set } (0.03 \text{ sec})
mysql> INSERT INTO students VALUES(1, "Aman", "Chandra");
Query OK, 1 row affected (0.31 sec)
mysql> INSERT INTO students VALUES(2, "Bob", "Marley");
Query OK, 1 row affected (0.14 sec)
mysql> INSERT INTO students VALUES(3, "Dean", "Winchester");
Query OK, 1 row affected (0.12 sec)
mysql> INSERT INTO students VALUES(4, "Sam", "Winchester");
Query OK, 1 row affected (0.15 sec)
mysql> INSERT INTO students VALUES(5, "Tyler", "Posey");
Query OK, 1 row affected (0.11 sec)
mysql> INSERT INTO students VALUES(6, "Tyler", "Heoclyn");
Query OK, 1 row affected (0.15 sec)
mysql> SELECT * FROM students;
  rollno | firstname
                        lastname
       1 | Aman
                        Chandra
       2 \mid
           Bob
                        Marley
       3 | Dean
                        Winchester
       4 | Sam
                        Winchester
           Tyler
                        Posey
       5 |
       6 Tyler
                        Heoclyn
6 \text{ rows in set } (0.00 \text{ sec})
mysql> SELECT * FROM students where firstname= 'Tyler';
 rollno | firstname | lastname
```

5 | Tyler

Posey

```
6 Tyler
                      Heoclyn
2 rows in set (0.04 sec)
mysql> SELECT * FROM students where lastname='Winchester';
 rollno | firstname
                        lastname
                       Winchester
           Dean
       4 | Sam
                       Winchester
2 rows in set (0.00 sec)
mysql> SELECT firstname FROM students;
  firstname
  Aman
  Bob
  Dean
  Sam
 Tyler
 Tyler
6 rows in set (0.00 \text{ sec})
mysq1>
```

2. <u>Update Table:</u>

mysql> ALTER TABLE students ADD (age INT, semester INT);

3. <u>Delete From Table:</u>

mysq1> DROP TABLE bca_students;