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## Practical 02: Implementation of DML Commands

**Objective:** Implementation of DML commands of SQL with suitable examples

Insert  
Update  
Delete

### Output:

#### 1. Insert in Table:

```
mysql> use bca;
Database changed
mysql> show tables;
+-----+
| Tables_in_bca |
+-----+
| user          |
+-----+
1 row in set (0.03 sec)
```

```
mysql> create table students(rollno INT PRIMARY KEY, firstname
varchar(20), lastname varchar(20));
Query OK, 0 rows affected (1.58 sec)
```

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
rollno	int	NO	PRI	NULL	
firstname	varchar(20)	YES		NULL	
lastname	varchar(20)	YES		NULL	

```
+-----+-----+-----+-----+
3 rows in set (0.03 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 | Bob       | Marley   |
|      3 | Dean      | Winchester |
|      4 | Sam       | Winchester |
|      5 | Tyler     | Posey    |
|      6 | Tyler     | Heoclyn  |
+-----+-----+-----+
```

```
6 rows in set (0.00 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
3	Dean	Winchester
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 sec)

```
mysql>
```

## 2. Update Table:

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

## 3. Delete From Table:

```
mysql> DROP TABLE bca_students;
```