

EXPERIMENT 4

DML Commands using UPDATE, DELETE

```
mysql> -- Update one student's age
mysql> UPDATE Students
    -> SET Age = 19
    -> WHERE StudentID = 1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql>
mysql> -- Update multiple columns
mysql> UPDATE Students
    -> SET Age = 18, Class = '12B'
    -> WHERE Name = 'Anita';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT * FROM Students;
+-----+-----+-----+-----+
| StudentID | Name  | Age  | Class |
+-----+-----+-----+-----+
|          1 | Ravi  | 19   | 12A   |
|          2 | Anita | 18   | 12B   |
|          3 | Karan | 16   | 10A   |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```

mysql> -- Delete one record
mysql> DELETE FROM Students
    -> WHERE StudentID = 3;
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> -- Delete all records (be careful!)
mysql> DELETE FROM Students;
Query OK, 2 rows affected (0.01 sec)

mysql> SELECT * FROM Students;
Empty set (0.00 sec)

mysql> INSERT INTO Students (StudentID, Name, Age, Class)
    -> VALUES
    -> (1, 'Ravi', 18, '12A'),
    -> (2, 'Anita', 17, '11B'),
    -> (3, 'Karan', 16, '10A'),
    -> (4, 'Sita', 15, '9C');
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM Students;
+-----+-----+-----+-----+
| StudentID | Name  | Age  | Class |
+-----+-----+-----+-----+
|          1 | Ravi  | 18   | 12A   |
|          2 | Anita | 17   | 11B   |
|          3 | Karan | 16   | 10A   |
|          4 | Sita  | 15   | 9C    |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```