

SQL - UPDATE QUERY

The SQL **UPDATE** Query is used to modify the existing records in a table.

You can use **WHERE** clause with **UPDATE** query to update selected rows otherwise all the rows would be effected.

Syntax:

The basic syntax of **UPDATE** query with **WHERE** clause is as follows:

```
UPDATE table_name
SET column1 = value1, column2 = value2...., columnN = valueN
WHERE [condition];
```

You can combine N number of conditions using **AND** or **OR** operators.

Example:

Consider **CUSTOMERS** table is having following records:

| ID | NAME | AGE | ADDRESS | SALARY |
|----|----------|-----|-----------|----------|
| 1 | Ramesh | 32 | Ahmedabad | 2000.00 |
| 2 | Khilan | 25 | Delhi | 1500.00 |
| 3 | kaushik | 23 | Kota | 2000.00 |
| 4 | Chaitali | 25 | Mumbai | 6500.00 |
| 5 | Hardik | 27 | Bhopal | 8500.00 |
| 6 | Komal | 22 | MP | 4500.00 |
| 7 | Muffy | 24 | Indore | 10000.00 |

Following is an example which would update **ADDRESS** for a customer whose **ID** is 6:

```
SQL> UPDATE CUSTOMERS
SET ADDRESS = 'Pune'
WHERE ID = 6;
```

Now **CUSTOMERS** table would have following records:

| ID | NAME | AGE | ADDRESS | SALARY |
|----|----------|-----|-----------|----------|
| 1 | Ramesh | 32 | Ahmedabad | 2000.00 |
| 2 | Khilan | 25 | Delhi | 1500.00 |
| 3 | kaushik | 23 | Kota | 2000.00 |
| 4 | Chaitali | 25 | Mumbai | 6500.00 |
| 5 | Hardik | 27 | Bhopal | 8500.00 |
| 6 | Komal | 22 | Pune | 4500.00 |
| 7 | Muffy | 24 | Indore | 10000.00 |

If you want to modify all **ADDRESS** and **SALARY** column values in **CUSTOMERS** table, you do not need to use **WHERE** clause and **UPDATE** query would be as follows:

```
SQL> UPDATE CUSTOMERS
SET ADDRESS = 'Pune', SALARY = 1000.00;
```

Now CUSTOMERS table would have following records:

| ID | NAME | AGE | ADDRESS | SALARY |
|----|----------|-----|---------|---------|
| 1 | Ramesh | 32 | Pune | 1000.00 |
| 2 | Khilan | 25 | Pune | 1000.00 |
| 3 | kaushik | 23 | Pune | 1000.00 |
| 4 | Chaitali | 25 | Pune | 1000.00 |
| 5 | Hardik | 27 | Pune | 1000.00 |
| 6 | Komal | 22 | Pune | 1000.00 |
| 7 | Muffy | 24 | Pune | 1000.00 |