T-SQL - UPDATE Statement

The SQL Server **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 affected.

Syntax

Following is the basic syntax of UPDATE query with WHERE clause −

```
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 the CUSTOMERS table having the 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 command is an example, which would update ADDRESS for a customer whose ID is 6 −

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

CUSTOMERS table will now have the 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. UPDATE query would be as follows −

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

CUSTOMERS table will now have the 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
```