T-SQL - SELECT Statement

SQL Server **SELECT** statement is used to fetch the data from a database table which returns data in the form of result table. These result tables are called **result-sets**.

Syntax

Following is the basic syntax of SELECT statement −

```
SELECT column1, column2, columnN FROM table_name;
```

Where, column1, column2...are the fields of a table whose values you want to fetch. If you want to fetch all the fields available in the field, then you can use the following syntax −

```
SELECT * FROM table_name;
```

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 fetch ID, Name and Salary fields of the customers available in CUSTOMERS table −

```
SELECT ID, NAME, SALARY FROM CUSTOMERS;
```

The above command will produce the following output.

```
ID   NAME       SALARY
1    Ramesh     2000.00
2    Khilan     1500.00
```

```
3    kaushik        2000.00
4    Chaitali       6500.00
5    Hardik         8500.00
6    Komal          4500.00
7    Muffy         10000.00
```

If you want to fetch all the fields of CUSTOMERS table, then use the following query −

```
SELECT * FROM CUSTOMERS;
```

The above will produce the following output.

```
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
```