SELECT TABLE Statement

- The SELECT statement is used to select data from a database.

- The data returned is stored in a result table, called the result-set.

```
SELECT column1, column2, ...
FROM table_name;
);
```

- Here, column1, column2, ... are the field names of the table you want to select data from. If you want to select all the fields available in the table, use the following syntax:

```
SELECT * FROM table_name;
```

Purwadhika
Startup and Coding School

Example

- The following example select all column in a table called "City" that contains five columns: ID, Name, CountryCode, District, and Population:

SELECT * FROM CITY;

```
+-----+----------------+-------------+---------------+------------+
| ID  | Name           | CountryCode | District      | Population |
+-----+----------------+-------------+---------------+------------+
|   1 | Kabul          | AFG         | Kabol         |    1780000 |
|   2 | Qandahar       | AFG         | Qandahar      |     237500 |
|   3 | Herat          | AFG         | Herat         |     186800 |
|   4 | Mazar-e-Sharif | AFG         | Balkh         |     127800 |
|   5 | Amsterdam      | NLD         | Noord-Holland |     731200 |
+-----+----------------+-------------+---------------+------------+
```

Purwadhika
Startup and Coding School

Example

- Select only column 'Name', 'District', and 'Population' from "City" Table:

    SELECT Name, District, Population FROM City;

```
+----------------+----------------+------------+
| Name           | District       | Population |
+----------------+----------------+------------+
| Kabul          | Kabol          |    1780000 |
| Qandahar       | Qandahar       |     237500 |
| Herat          | Herat          |     186800 |
| Mazar-e-Sharif | Balkh          |     127800 |
| Amsterdam      | Noord-Holland  |     731200 |
+----------------+----------------+------------+
```

Reference

- https://www.w3schools.com/sql/sql_select.asp

Purwadhika
Startup and Coding School