SQL SELECT

SQL SELECT statement is used to viewing data from the table. This statement return list of table format table data.

We use asterisk (*) sign to fetch all table columns instead of write all column name.

SQL SELECT query is used this four type:

- SELECT All Rows and All Columns
- SELECT All Rows and Selected Columns
- Only Selected Rows and All Columns
- Selected Rows and Selected Columns

SELECT All Rows and All Columns

Syntax

```
SELECT * FROM table_name;
```

Example

```
SQL> SELECT * FROM users_info;

 NO NAME                ADDRESS                        CONTACT_NO
 --- ----------------    ----------------------------    ------------------
   1 Opal Kole           63 street Ct.                  000-444-8291
   2 Max Miller          41 NEW ROAD.                   000-444-8736
   3 Beccaa Moss         2500 green city.               000-444-8030
   4 Paul Singh          1343 Prospect St               000-444-8029
   5 Ken Myer            137 Clay Road                  000-444-7972
   6 Jack Evans          1365 Grove Way                 000-444-8845
   7 Reed Koch           1274 West Street               000-444-5672
   8 Gabe Hee            1220 Dallas Drive              000-444-5472
   9 Ben Mares           101 Candy Road                 000-444-6372
  10 Sariya Vargas       10 Texo Court.                 000-444-6371

10 rows selected.
```

SELECT All Rows and Selected Columns

Syntax

```
SELECT column_name1, column_name2, ... FROM table_name;
```

Example

```
SQL> SELECT no, name, address FROM users_info;

 NO NAME                ADDRESS
 --- --------------------    --------------------------------
   1 Opal Kole           63 street Ct.
   2 Max Miller          41 NEW ROAD.
   3 Beccaa Moss         2500 green city.
   4 Paul Singh          1343 Prospect St
   5 Ken Myer            137 Clay Road
   6 Jack Evans          1365 Grove Way
   7 Reed Koch           1274 West Street
   8 Gabe Hee            1220 Dallas Drive
   9 Ben Mares           101 Candy Road
  10 Sariya Vargas       10 Texo Court.

10 rows selected.
```

Only Selected Rows and All Columns

Syntax

```
SELECT * FROM table_name [ WHERE condition ];
```

Example

```
SQL> SELECT * FROM users_info WHERE no = 3;

 NO NAME                ADDRESS                         CONTACT_NO
--- ------------------- ------------------------------- -------------------
  3 Beccaa Moss         2500 green city.                000-444-7586
```

Selected Rows and Selected Columns

Syntax

```
SELECT column_name1, column_name2, ... FROM table_name [ WHERE condition ];
```

Example

```
SQL> SELECT no, name, address FROM users_info WHERE no = 3;

 NO NAME                ADDRESS
--- -------------------- -------------------------------
  3 Beccaa Moss         2500 green city.
```

```
SQL> SELECT * FROM users_info WHERE no = 3;

 NO NAME                ADDRESS                         CONTACT_NO
--- ------------------- ------------------------------- -------------------
  3 Beccaa Moss         2500 green city.                000-444-7586
```

Selected Rows and Selected Columns

Syntax

```
SELECT column_name1, column_name2, ... FROM table_name [ WHERE condition ];
```