

# SQL IN and NOT IN Operators

SQL IN and NOT IN operators used to specify multiple values in a WHERE clause.

SQL IN condition used to allow multiple value in a WHERE clause condition. SQL IN condition you can use when you need to use multiple OR condition.

SQL IN condition allow only specific value in INSERT, UPDATE, DELETE, SELECT statement.

## Syntax

```
WHERE column_name IN (value1, value2, ...);
```

## Example

```
SQL> SELECT * FROM users_info WHERE no IN (1,5,10);
```

NO	NAME	ADDRESS	CONTACT_NO
1	Opal Kole	63 street Ct.	000-444-7847
5	Ken Myer	137 Clay Road	000-444-7528
10	Sariya Vargas	145 Taxo court.	000-444-5927

3 rows selected.

# SQL NOT IN Condition Statement

SQL NOT IN condition used to exclude the defined multiple value in a WHERE clause condition. SQL NOT IN condition also identify by NOT operator.

## Syntax

NOT IN condition use with WHERE clause to exclude defined multiple values from record data.

```
WHERE column_name NOT IN (value1, value2, ...);
```

SQL NOT condition used with BETWEEN condition or LIKE condition.

```
NOT BETWEEN condition;
NOT LIKE condition
```

## SQL WHERE clause with NOT IN Example

```
SQL> SELECT * FROM users_info WHERE no NOT IN (1,3,5,7,9);
```

NO	NAME	ADDRESS	CONTACT_NO
2	Max Miller	41 NEW ROAD.	000-444-8292
4	Paul Singh	1343 Prospect St	000-444-7585
6	Jack Evans	1365 Grove Way	000-444-8401
8	Gabe Hee	1220 Dallas Drive	000-444-5028
10	Sariya Vargas	145 Taxo court.	000-444-5927

5 rows selected.

## SQL BETWEEN with NOT Example

Our users\_info table we have to select all rows with add condition exclude no column range from 6 to 10.

```
SQL> SELECT * FROM users_info WHERE no NOT BETWEEN 6 AND 10;
```

NO	NAME	ADDRESS	CONTACT_NO	BIRTH_DATE
1	Opal Kole	63 street Ct.	000-444-7847	1984-05-07
2	Max Miller	41 NEW ROAD.	000-444-8292	1987-07-07
3	Beccaa Moss	2500 green city.	000-444-7586	1992-01-15
4	Paul Singh	1343 Prospect St	000-444-7585	1998-07-25
5	Ken Myer	137 Clay Road	000-444-7528	2002-04-07

5 rows selected.

## SQL LIKE with NOT Example

In our users\_info table not select whose name column starting with 'Be' character.

```
SQL> SELECT * FROM users_info WHERE name NOT LIKE 'Be%';
```

NO	NAME	ADDRESS	CONTACT_NO
1	Opal Kole	63 street Ct.	000-444-7847
2	Max Miller	41 NEW ROAD.	000-444-8292
4	Paul Singh	1343 Prospect St	000-444-7585
5	Ken Myer	137 Clay Road	000-444-7528
6	Jack Evans	1365 Grove Way	000-444-8401
7	Reed Koch	1274 West Street	000-444-5228
8	Gabe Hee	1220 Dallas Drive	000-444-5028
10	Sariya Vargas	145 Taxo court.	000-444-5927

8 rows selected.