

OR conditions in SQL Server

The OR condition in SQL Server (Transact-SQL) is used to check multiple conditions.

The OR condition in SQL Server (Transact-SQL) is used to check multiple conditions to see if any record in the returned result meets the condition. It is often used in SELECT, INSERT, UPDATE or DELETE commands.

Syntax OR condition

```
WHERE '?i?u ki?n 1'  
OR '?i?u ki?n 2'  
...  
OR '?i?u ki?n n'
```

Variable name or variable value

Condition 1, Condition 2 . Condition n

One of these conditions must be met, the new record is selected

Note

1. The OR condition in SQL Server allows two or more conditions to be checked.
2. The OR condition in SQL Server needs to meet any of those conditions (from 1 to n), the new record is returned in the result set.

For example - SELECT 2 condition command

```
SELE CT *  
FROM nhanvien  
WHRE ten = 'Sarah'  
OR ho = 'J ohnson';
```

The result will be all employees named Sarah or they are Johnson. Because of using * in the SELECT statement, all fields in the table will be returned in the result set.

For example - SELECT 3 condition command

```
SEL ECT ho, ten  
FROM nhanvien  
WHERE ho = 'Anderson'  
OR bang = 'California'  
OR nhanv ien_id = 50;
```

In this example, the returned result is all the first and last names from the table, whose last name is Anderson or the state is California or the employee ID is 50.

Example - INSERT command

```
INSERT INTO d anhba
(danhba_id, ho, ten)
SELECT nhanvien_id, ho, ten
FROM nhanvien
WHERE ho = 'Smith'
OR nhanvien_id < 10;
```

This command inserts all the list of employee IDs, last names and names from the employee table if they are Smith or an employee ID less than 10.

Example - UPDATE command

```
UPDATE en nhanvi
SET bang = 'Florida'
WHERE nhanvien_id < 1000
OR thanhpho = 'Mia mi';
```

In the example above, the OR condition will update the state value in the table to Florida if it is less than 1000 or has the city of Miami.

Example - DELETE command

```
DELETE FROM nhanvien
WHERE ten = 'Joanne'
OR ten = 'Darlene';
```

The OR condition in this example will delete all employees in the table if the person's name is Joanne or Darlene.

Previous lesson: AND conditions in SQL Server

Next lesson: Combine AND and OR conditions in SQL Server

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