

UPDATE WITH JOIN

SQL UPDATE JOIN could be used to update one table using another table and join condition.

Syntax

```
UPDATE tablename  
INNER JOIN tablename  
ON tablename.columnname = tablename.columnname  
SET tablename.columnname = tablename.columnname;
```

Use multiple tables in SQL UPDATE with JOIN statement

Let us assume we have two tables – Geeks1 and Geeks2. To check the content in the table.

```
SELECT *  
FROM Geeks1;
```

Table – Geeks1

| col1 | col2 | col3 |
|------|------|--------|
| 1 | 11 | FIRST |
| 11 | 12 | SECOND |
| 21 | 13 | THIRD |
| 31 | 14 | FOURTH |

```
SELECT *  
FROM Geeks2;
```

Table – Geeks2

| col1 | col2 | col3 |
|------|------|-----------|
| 1 | 21 | TWO-ONE |
| 11 | 22 | TWO-TWO |
| 21 | 23 | TWO-THREE |
| 31 | 24 | TWO-FOUR |

Example

We have table Geeks2 which has two rows where Col 1 is 21 & 31 and we want to update the value from table Geeks2 to table Geeks1 for the rows where Col 1 is 21 and 31. Also, we want to update the values of Col 2 and Col 3 only.

```
UPDATE Geeks1
SET col2 = Geeks2.col2,
col3 = Geeks2.col3
FROM Geeks1
INNER JOIN Geeks2
ON Geeks1.col1 = Geeks2.col1
WHERE Geeks1.col1 IN (21, 31);
```

Output

(2 row(s) affected)

```
SELECT *
FROM Geeks1;
```

Table – Geeks1

| col1 | col2 | col3 |
|------|------|-----------|
| 1 | 11 | FIRST |
| 11 | 12 | SECOND |
| 21 | 23 | TWO-THREE |
| 31 | 24 | TWO-FOUR |

```
SELECT *
FROM Geeks2;
```

Table – Geeks2

| col1 | col2 | col3 |
|------|------|-----------|
| 1 | 21 | TWO-ONE |
| 11 | 22 | TWO-TWO |
| 21 | 23 | TWO-THREE |
| 31 | 24 | TWO-FOUR |