

# SQL Server : SELECT n FROM (VALUES(0),(0),(0),(0)) t(n)



Am seeing this in a script

2

```
SELECT n FROM (VALUES(0),(0),(0),(0)) t(n)
```



I know what it does. It is returning a column called 'n' with 4 rows, each of whose value is 0. But, what does this mean? What is t(n), and what is 'n'?



 sql-server

asked Mar 9 '15 at 15:05



Jean

1,414

6

26

53

1 't' is the table alias, 'n' is the alias of the first column – [mxix](#) Mar 9 '15 at 15:08

## 2 Answers



It's a [table value constructor](#). t being the alias for the table, n the column name. A better example might make it clearer;

4

```
SELECT
    MyData.Column1,
    MyData.Column2
FROM (VALUES(1, 'Tom'),
        (2, 'Dick'),
        (3, 'Harry'),
        (4, 'Ermintrude'))
```



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Column1	Column2
1	Tom
2	Dick
3	Harry
4	Ermintrude

edited Mar 9 '15 at 15:21

answered Mar 9 '15 at 15:10



Rhys Jones

4,501 1 14 37

▲ t is the table alias. While n is the name to give to the column

5

```
SELECT * FROM (VALUES(0),(0),(0),(0)) TheAlias(theColumn)
```

Gives:

```
theColumn
0
0
0
0
```

answered Mar 9 '15 at 15:10



Paddy

2,560 1 20 43

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