

SELECT

SELECT returns a selected data element from a Telitab set or a list of arguments

Syntax

1. SELECT(Pno%, 1, "ColLab\$", Elem%)
2. SELECT(0, Npoints%, x_1, y_1, x_2, y_2,..., Elem%)
3. SELECT(@ObjFn(..), 1, @ObjColPar, Elem%)
4. SELECT(Telitab\$, 1, "ColLab\$", Elem%)

Arguments

- **Pno%** is the number that refers to the [TeLiTab](#) sets in the Data slot. Pno% should be an integer value or a parameter which is assigned an integer value and is the number of the [TeLiTab](#) set in the expressions' data slot.
- **Npoints%** is the number of points (x,y) that are given in direct definition.
- **@ObjFn()** refers to the Object from which data will be used.
- **TeLiTab\$** refers to the string parameter that contains the [TeLiTab](#).
- **Ndim%** is the number of dimensions (or columns in the table...).
- **"ColLab\$ _1"** and **@ObjColPar _1** etc refer to the columns that will be used
- **Elem%** is the actual element you want to base your selection on

Remarks

1. See also Telitab access for a generic description on the use of [TeLiTab](#) data
2. Similar to other Data analysis functions, the SELECT is a convenient way to evaluate data. Please also look at these functions for syntax examples

Examples

Syntax 1: Telitab in Dataslot

The way this function is operated is illustrated using an example in which syntax 1 is used, the [TeLiTab](#) is addressed in the Dataslot.

```
SELECT(1, 1, "YC", x)
```

With the following Telitab set in the Data slot:

```
|SELECT1|
0
2 "XC" "YC"
"1" 1 1
"2" 2 4
"3" 3 9
"4" 4 16
"5" 5 25
"6" 6 36
"7" 7 49
"8" 8 64
"9" 9 81
"10" 10 100|
```

Returns 64 for x = 8.

Syntax 2: Direct definition

The function:

```
SELECT(0, 3, 45.4, 23.0, 10.8, x)
```

returns 10.8 for x = 3.

Quick links: [Functions overview](#) | [Attribute overview](#) | [Constants overview](#) | [Dimensions overview](#)