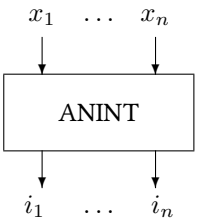
Block ANINT

The ANINT block returns the rounded integer value of the input signal.

≈12



Name	ANINT
Function	fb0005
Inputs	1 . . . [10]
Outputs	1 . . . [10]
Parameters	0
Strings	0
Group	S

Inputs

i Any value r_i

Outputs

i Rounded value of x_i, ie if $n \leq x_i < n + 1$ for any value $n \in \mathbf{N}$, rounded value is n if $x_i < n + 0.5$, $n + 1$ otherwise.

Parameters

None

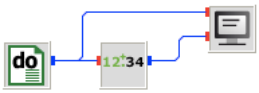
Strings

None

Remarks

The output of the ANINT block has a rounded value but is still a Fortran Real variable.

anint.vseit



A DO block with initial value 0, final value 1 and increment 0.25 is linked to an ANINT block. The result is displayed by the SCREEN block.

```
0.00    0.00
0.25    0.00
0.50    1.00
0.75    1.00
1.00    1.00
```