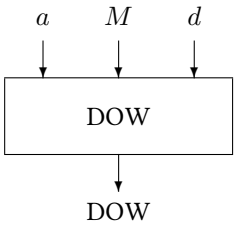
## Block DOW

The DOW block returns the day of the week for a given Gregorian Date.




Mon
Tue

| | |
|---|---|
| **Name** | DOW |
| **Function** | fb0025 |
| **Inputs** | 3 |
| **Outputs** | 1 |
| **Parameters** | 0 |
| **Strings** | 0 |
| **Group** | S |

### Inputs

1 Year $a$
2 Month $M$
3 Day $d$

### Outputs

1 Day of week $d_w$
- 1 Monday
- 2 Tuesday
- 3 Wednesday
- 4 Thursday
- 5 Friday
- 6 Saturday
- 7 Sunday

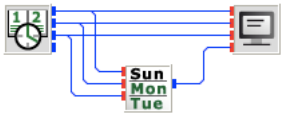
### Parameters

None

### Strings

None

dow.vseit




A CLOCK block counts the first seven days of January 2010. The DOW block returns the day of the week which is displayed by the SCREEN block.

```
2010.    1.    1.    5.
2010.    1.    2.    6.
2010.    1.    3.    7.
2010.    1.    4.    1.
2010.    1.    5.    2.
2010.    1.    6.    3.
2010.    1.    7.    4.
```