**output**

*Declaration of block output variables.*

**Syntax:**

**output** <name of variable 1>{:<type of variable 1>}{=<triggering expression 1>}{,<name of variable 2>{:<type of variable 2>}{=<triggering expression 2>}};

**Description:**

Declaration of block output variables (the format is the same as **var**). Values of these variables are transmitted to the unit outputs. Dimensions are compulsorily specified in square brackets for arrays and matrixes (in the same way as for **input)**.

**Example 1:**

|  |  |
| --- | --- |
|  | **input** u1,u2;  **if** u1>u2 **then** y=u1 **else** y=u2;  **output** y; |

Output block variable – maximum value of two input variables.

**Example 2:**

|  |  |
| --- | --- |
|  | **output** Lm[5], Re[5], Im[5], fi[5], h[5], w\_[5]; |

Output variable are set by vectors in the example.