**middle**

*Function of calculation of coordinates of bisecting point of segment.*

**Syntax:**

*M* **= middle**(*P1, P2*)*;*

**Arguments:**

*P1* – first point. Type – *point*,

*P2* – second point. Type – *point*.

**Description:**

*distance(P1, P2)* – function of calculation of distance between points *P1*, *P2*.

Input values can be set as pre-defined variables or be set by expression (*x, y)*, where *x* and *y* are for the point coordinates.

**Result:**

*M* – point with coordinates of bisecting point of segment. Type – *point*.

**Example:**

|  |  |
| --- | --- |
|  | **const**  p1 = (1,3),  p2 = (4,6);  **c = middle**(p1, p2); |

As a result, value (2.5, 4.5) will be assigned to variable *c*.