**slideline**

Function of binding a linear object to a preset free point and line on the diagram.

**Syntax:**

**slideline**(*P1*, *P2*, *Ps*, *name*);

**Arguments:**

*P1* – coordinates of the first line point for binding. Type – *point*,

*P2* – coordinates of the second line point for binding. Type – *point*,

*Ps* – coordinates of the free point for binding. Type – *point*,

*name* – object name.

**Description:**

*slideline(P1, P2, Ps, name) –* function of binding a linear object named as *name* to a point on the diagram *Ps* and a line set by points *P1* and *P2*. Initial point named as *name* is set to free point *Ps*; the final point is set to a line set by points *P1* and *P2*.

Input values *P1, P2, Ps* can be set as pre-defined variables or be set by expression (*x, y*), where *x* and *y* are for the point coordinates.

**Result:**

None*.*

**Example:**

|  |  |
| --- | --- |
|  | **const** p1 = (1,3),  p2 = (4,6);  **slideline**(p1, p2, (200,500), Line1); |

Execution of this example results in binding of the line named as *Line1* on the diagram by the initial point to point *(200,500)*, final line point set by points *p1* and *p2*.