**savetab**

*Function of saving a matrix into text file.*

**Syntax:**

**savetab**(M, name);

**Arguments:**

*M* – matrix to be saved in a file,

*name* – string containing the file name.

**Description:**

*savetab*(*M, name*)– function of saving matrix *M* into a text file named as *name*. The matrix is saved in transposed form, i.e., matrix strings will correspond to text file columns.

The input matrix *М* can be assigned:

* as variable of matrix type determined earlier:

**savetab** (*M, name*);

* as matrix consisting of variables determined earlier:

**savetab** ([[*x1,x2*],[*x3,x4*],[*x5,x6*]] *, name*);

* as constant array:

**savetab** ([[1,2],[3,4],[5,6]] *, name);*

**Result:**

None*.*

**Example:**

|  |  |
| --- | --- |
|  | //arrays of matrix elements  **const** M = [[2, 5, 7], [6, 3, 4], [5, -2, -3]];  //let us write down the file in the matrix  **savetab**(M, "file1.dat"); |

In the process of execution matrix *M1* will be written to file named as *file1.dat* using function *savetab*. File *file1.dat* will contain the text:

2 6 5

5 3 -2

7 4 -3