**readfile**

*Function of reading a variable values from file.*

**Syntax:**

**readfile**(f\_id, var1, var2,…, varn);

**Arguments:**

*f\_id* – file identifier,

*var1, var2,…, varn* – variables for reading values from a file.

**Description:**

*readfile(f\_id*, *var1, var2,…, varn)* – function of reading variables *var1, var2,…, varn,* written in binary form from a file with identifier *f\_id*.

**Result:**

None

**Example:**

|  |  |
| --- | --- |
|  | **var**  var1:**double** = 5,  var2:**double** = 3.9,  var3:**double**,  var4:**double**;  //let us create a new file  f\_id = **createfile**("file1.dat", -1)  //let us write down variables to that  **writefile**(f\_id, var1, var2);  //let us close the file  **freeobject(**f\_id**);**  //let us open the readme file  f\_id = **createfile**("file1.dat", 0)  //let us read variable values  **readfile**(f\_id, var3, var4);  //let us close the file  **freeobject(**f\_id**);** |

In the course of execution a new file with identifier *f\_id* will be createdwith the use of function *createfile*. Variables *var1* and *var2* will be written in the file by means of function *writefile*.

Prior to reading from the file that shall be closed by means of function *freeobject* and opened for reading by means of function *createfile.*

Use function *readfile* to import data from the file to variables *var3* and *var4.*

Value 5 and 3.9 will be assigned to variables *var3* and *var4*, correspondingly.

Prior to completing the example, the file is closed by means of function *freeobject*.