

Lab_8 Work with files

Add *push*, *disp*, *save* and *write* methods to the *interface* class.

Add messages in *my_mess* class.

Open file error

Read file error

Write file error

Realize the follows metoda in *my_vect* class:

get_begin()

get_end()

push(const T & ob)

realloc() – if *last* \geq *ndim*, where *ndim* – current dimension of array *dat*, enlarge dimension of the array *dat* using reallocation of memory.

disp() output the elements of array *dat* to screen.

read() – read array *dat* from binary file.

save() - store array *dat* to the binary file.

Add:

```
ifstream flinp; // stream for the reading from the binary file.
ofstream flout; // stream for the writing to the binary file
char filename[MAX_PATH]; //MAX_PATH is defined in file "windows.h"
```

To overload operators \ll in the *my_coord* class for the writing to binary file and output to screen of the elements of array *dat*. To overload operators \gg in the *my_coord* class for the reading from binary file and input with keyboard of the elements of array *dat*.

Complete the code of the *main ()* function.

Make the tests:

Start job and input two objects of the *my_coord* class and push their to container.

Store it in the binary file.

Close job and start again. Read of data with binary file and output to screen.

Read of data again and output to screen.

Znów odczytać dane i znów wyprowadzić. Check that there is no duplication in the data.

Write data to the binary file two times and read once. Check that there is no duplication in the data.