Homework 3

The aim of the homework is to extend the implementation of class Ctable from homework 2 by defining operators (not only, read the text below very careffully).

First, perform the following exercises (tests):

1. Create two CTable objects as in the example below and perform the following operation (do not define any operators before)

```
CTable  c_tab_0, c_tab_1;
c_tab_0.bSetNewSize(6);
c_tab_1.bSetNewSize(4);
c_tab_0 = c_tab_1;
```

How did the above program finish? Why?

2. Remove the destructor from the CTable class. Has something changed? Why?

3. Implement the method `void vSetValueAt method (int iOffset, int iNewVal),` **which allows you to enter values into an array (if you don't already have it). Enter values e.g. 1,2,3,4 ... to c_tab_0 and 51,52,53,54 to c_tab_1. Write the** `vPrint()` **method that displaying an array on the screen and execute the program below.**

```
CTable  c_tab_0, c_tab_1;
c_tab_0.bSetNewSize(6);
c_tab_1.bSetNewSize(4);
/* initialize table */
c_tab_0 = c_tab_1;
c_tab_1.vSetValueAt(2,123);
c_tab_0.vPrint();
c_tab_1.vPrint();
```

What subtitles were displayed on the screen. Are you able now explain program behavior from exercise 1 (point 1).

Now you ready to implement the operator+ for the CTable class, which returns a concatenation of two arrays.