WORKSHOP 5, 6

Develop a C-program that helps user managing an 1-D array of real numbers (maximum of 100 elements), with initial number of elements is 0, using the following simple menu:

        1- Add a value

        2- Search a value

        3- Print out the array

        4- Print out values in a range

        Others- Quit

When the **option 1** is selected, the user will enters a value then it is added to the array.

When the **option 2** is selected, the user will enters a value then the indexes of it's existences will be printed out.

When the **option 3** is selected, values in the array will be printed out with 4 decimal places.

When the **option 4** is chosen, the user will enter 2 values, minVal and maxVal, the values in array which are between minVal and maxVal are printed out *(minVal <=value<=maxVal)*.