Lab 4. Constructors

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Write a class in C++ that has the following definition:
    class Sort
{
        // add data members
public:
        // add constuctors
        void InsertSort(bool reverse=false);
        void QuickSort(bool reverse=false);
        void BubbleSort(bool reverse=false);
        void Print();
        int GetElementsCount();
        int GetElementFromIndex(int index);
}
```

Organize the code in the following way:

- a header file called Sort.h
- a cpp file called Sort.cpp that contains the source code for class Sort
- a main file called main.cpp that contains the main function and has an example on how to use Sort. The example must include using all methods from the class.
- add several constructors that will allow the following:
 - create the list that needs to be sorted out of random values within a specific interval (min , max)
 - create the list that needs to be sorted from an initialization list
 - create the list that needs to be sorted from an existing vector (the constructor will have two parameters - one being the vector, the other one being the number of elements from the vector)
 - create the list that needs to be sorted using variadic parameters (use va_args for this)
 - create the list that needs to be sorted from a string (e.g. "10,40,100,5,70" -> each number is separated from the rest of the number with a comma). It is assume that the string is correctly written (no space, only numerical characters and commas)