

## Sorting Project - Implementing Selection Sort and Insertion Sort

Here is a link to the videos for reference:

- Selection Sort: <https://goo.gl/Q2M5pP>
- Insertion Sort: <https://goo.gl/PfmtXs>

You'll notice in the video that the user was given a pop-up box with options as soon as he ran his program. Your task is to implement this same functionality into a sorting project.

We have looked at two types of sorting algorithms: Selection Sort and Insertion Sort. For now, your program will give the user the option to sort by these two algorithms. You will be able to add more options as we continue with the chapter.

Create an array of 20 elements. Give the elements a random value. Create a method for each sorting algorithm. Output the original array. Output your results of the sorted array along with the name of the sorting algorithm used.

Finally, implement a pop-up box that asks the user which sorting algorithm they would like to use. The user entered a number that corresponded to each algorithm.