

SORTING ALGORITHM VISUALIZER

Sorting Algorithm Visualizer application helps the user to visualize the following sorting algorithms -

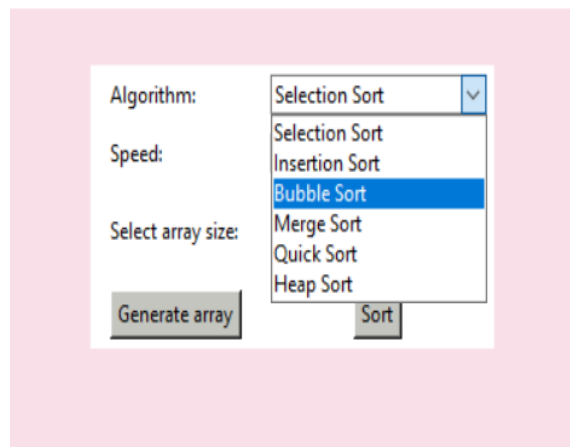
- Selection sort
- Insertion sort
- Bubble sort
- Merge sort
- Quick sort
- Heap sort

Tech Stack:

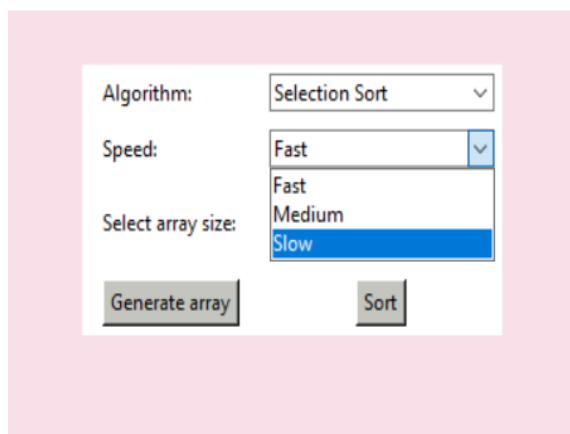
Language used : Python

Library used : **Tkinter**, the standard GUI library for python

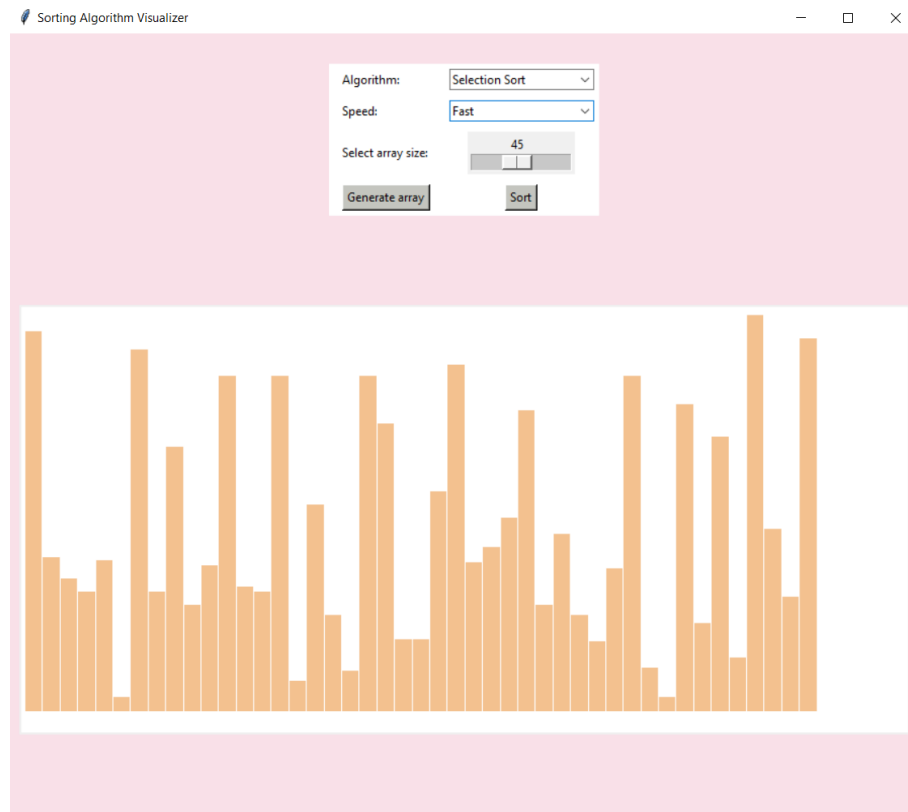
Select the sorting algorithm :



Select the speed of sorting :

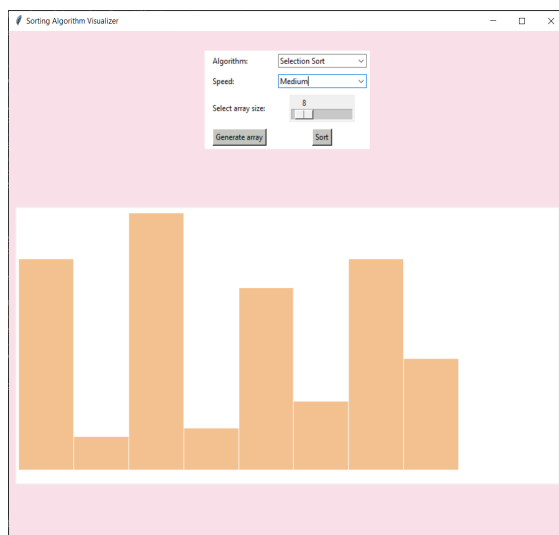


Select the size of array and click the ‘Generate array’ button to generate the data to be sorted

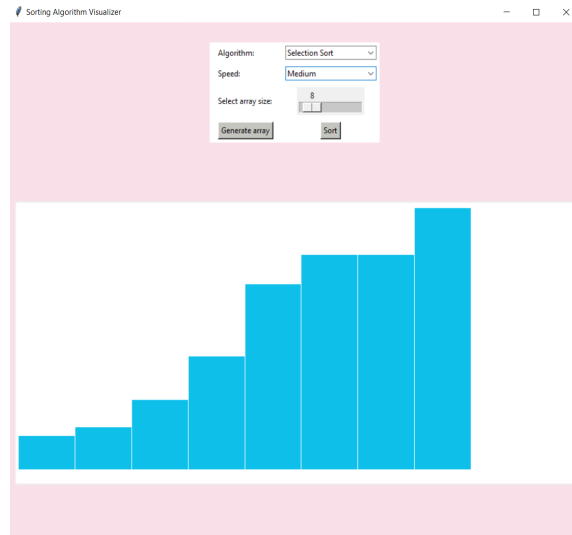


Click the ‘Sort’ button to sort the data

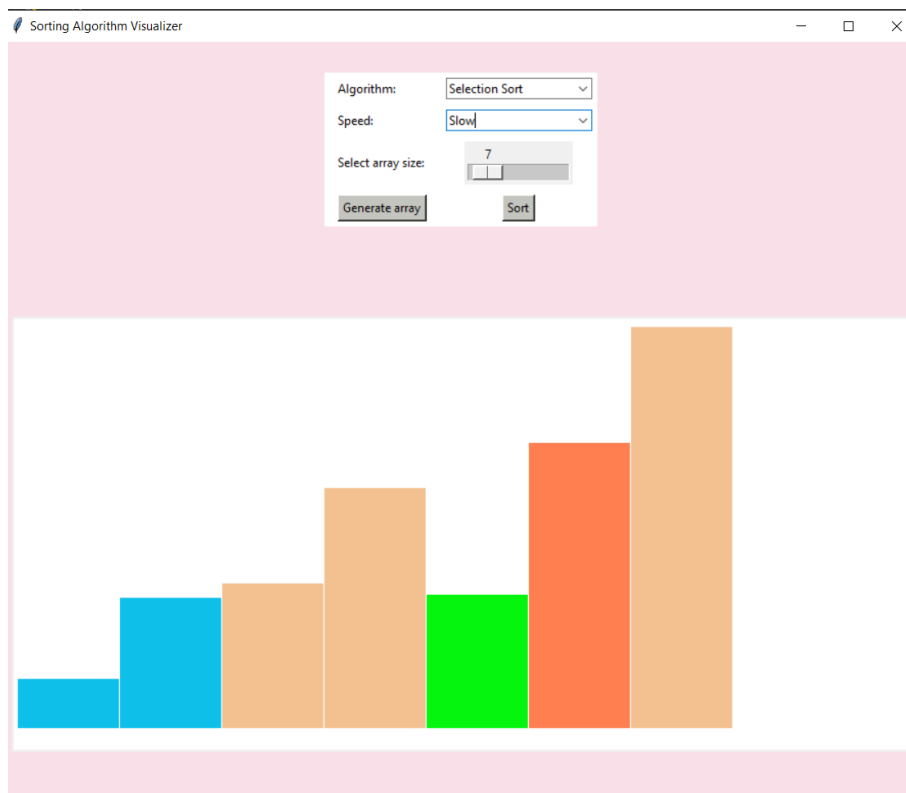
Before sorting:



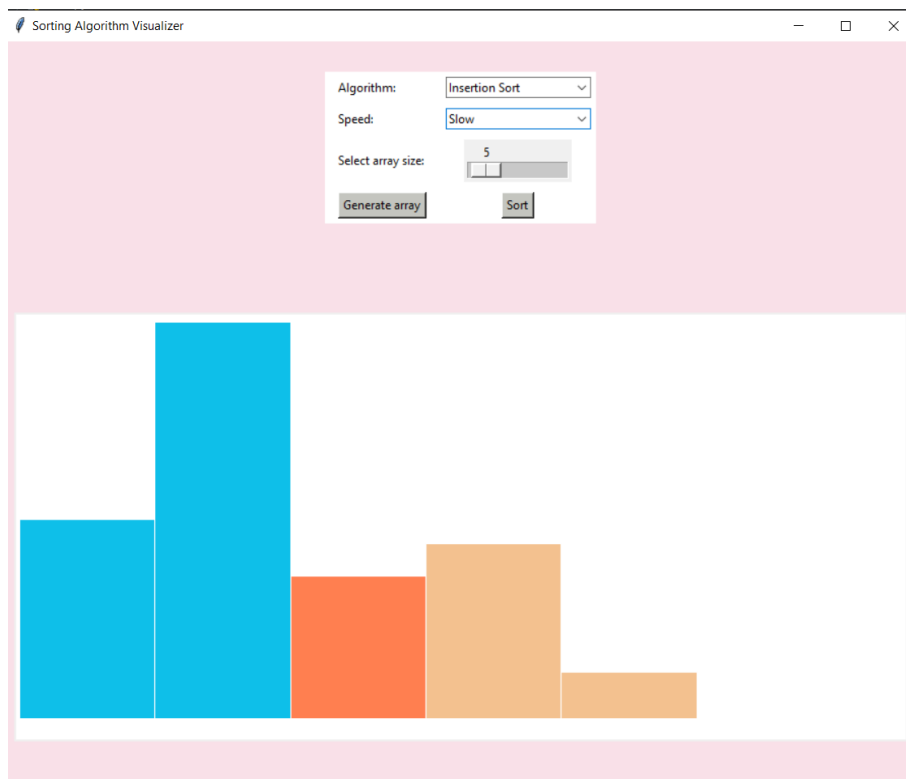
After sorting:



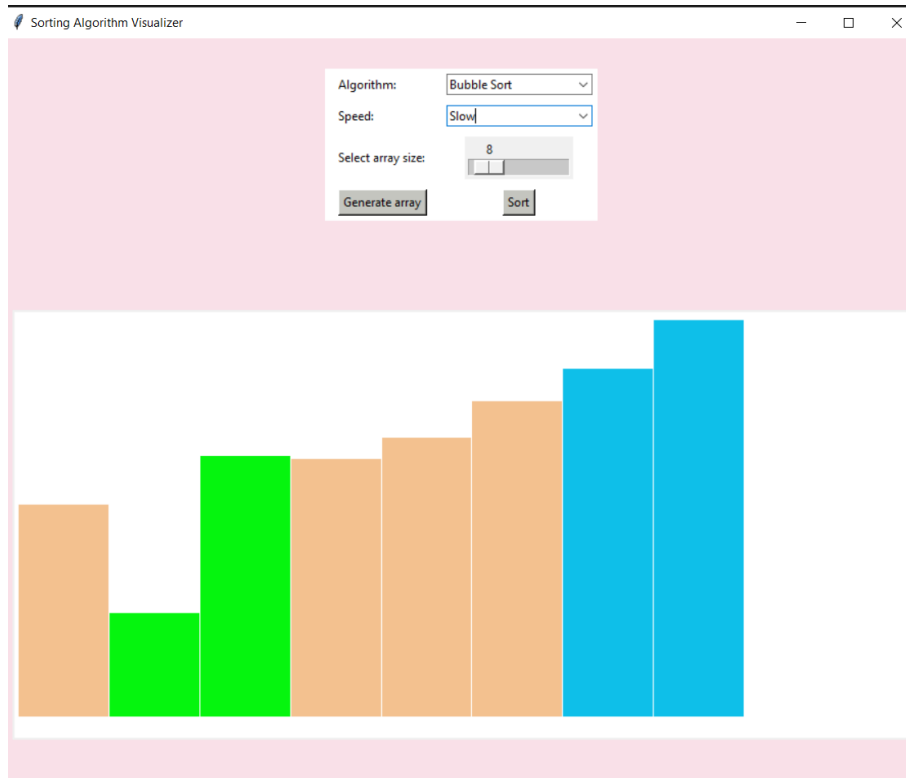
SELECTION SORT



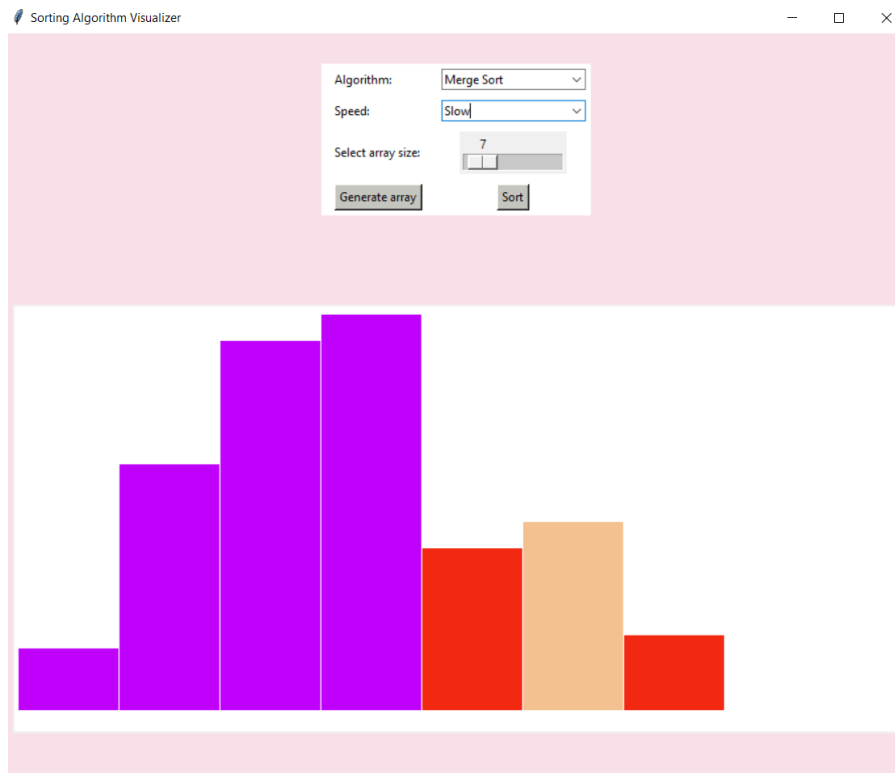
INSERTION SORT



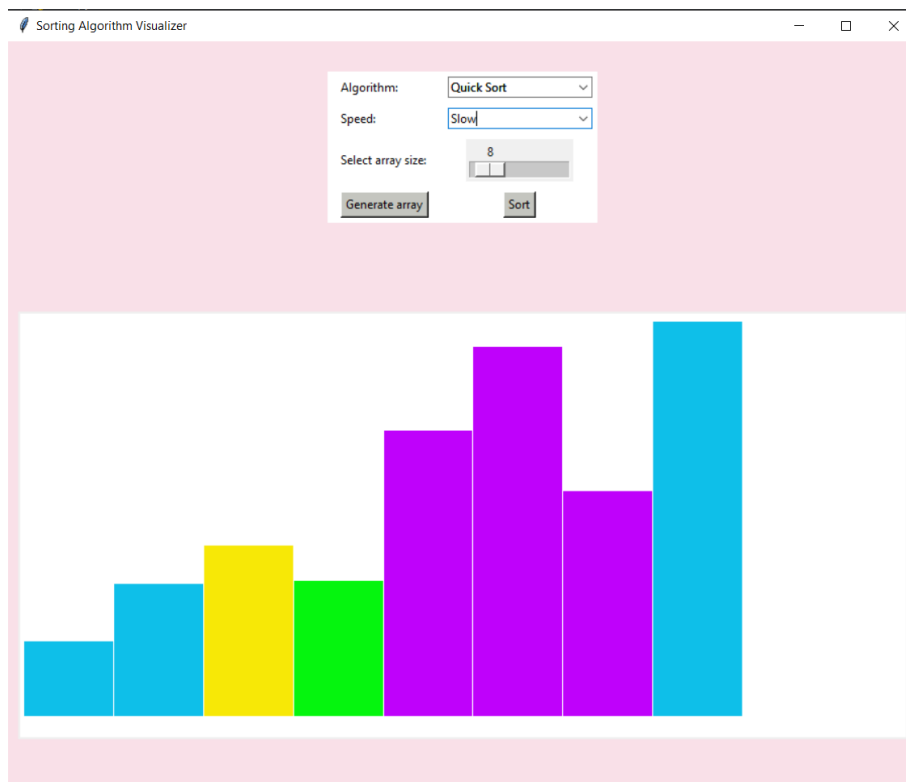
BUBBLE SORT



MERGE SORT



QUICK SORT



HEAP SORT

