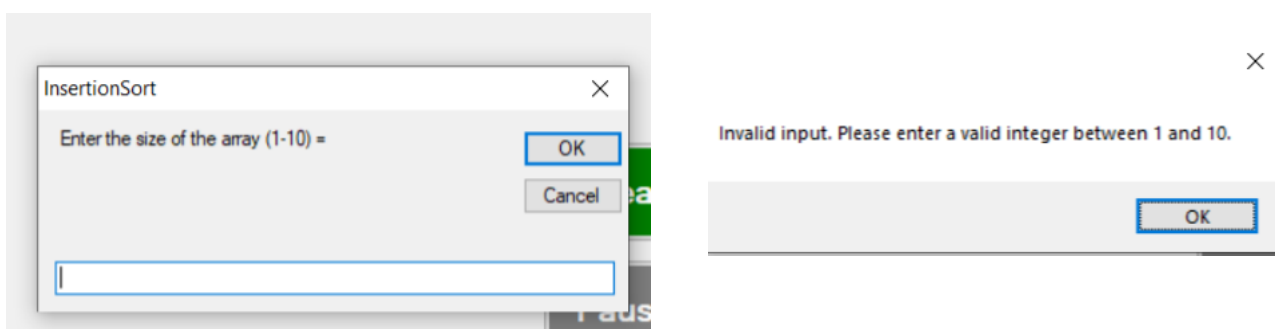# Insertion Sort Documentation

User documentation

This is the screen that appears when we build the solution and run the code.

- **Input Button** :- When clicked, gives a prompt to the user to enter the number of elements in the array and the subsequent array elements as input
- **Clear Button** :- Used to clear the screen and the input can be taken again.
- **Pause/Play Button** :- Used to pause and play the iterations of the insertion sort loop for better visualisation.
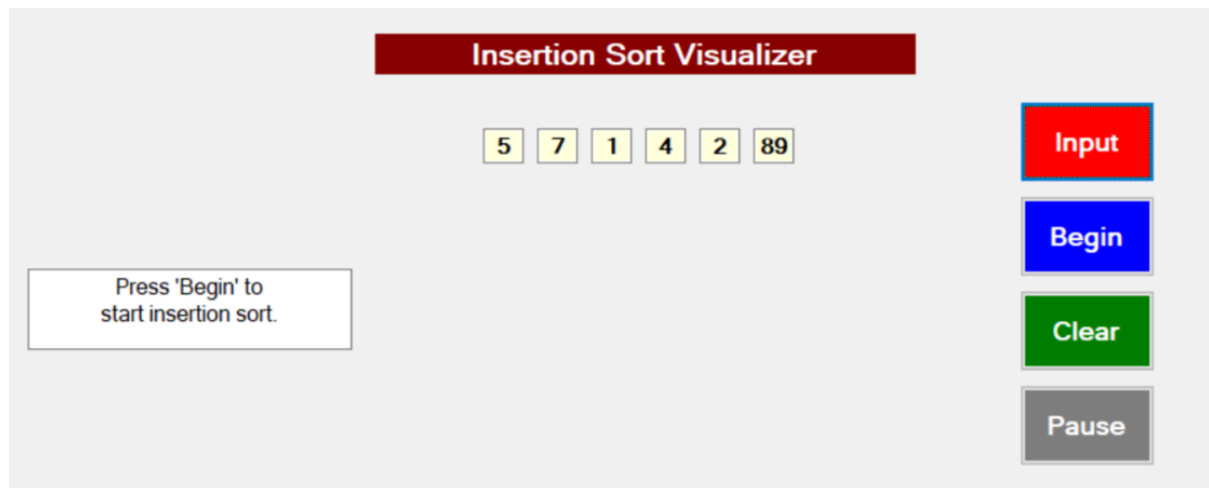

When input button is clicked, this is the dialog box that pops up and asks the user for input.
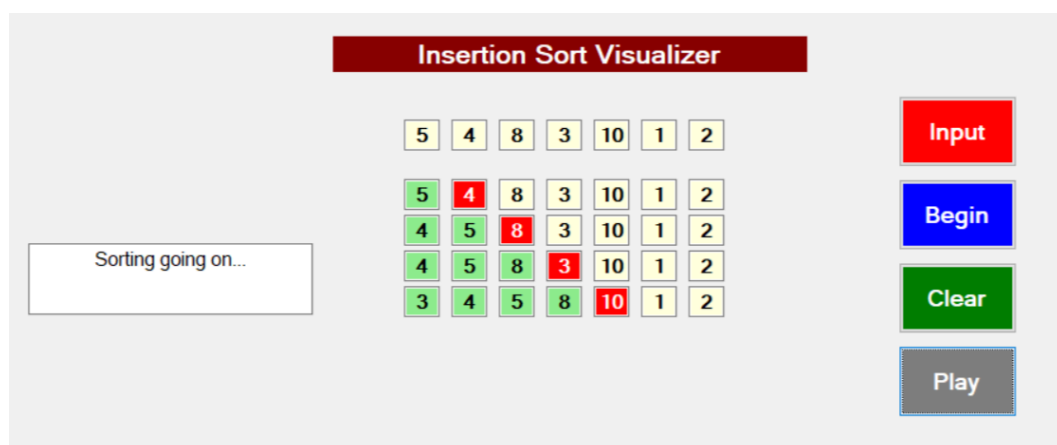

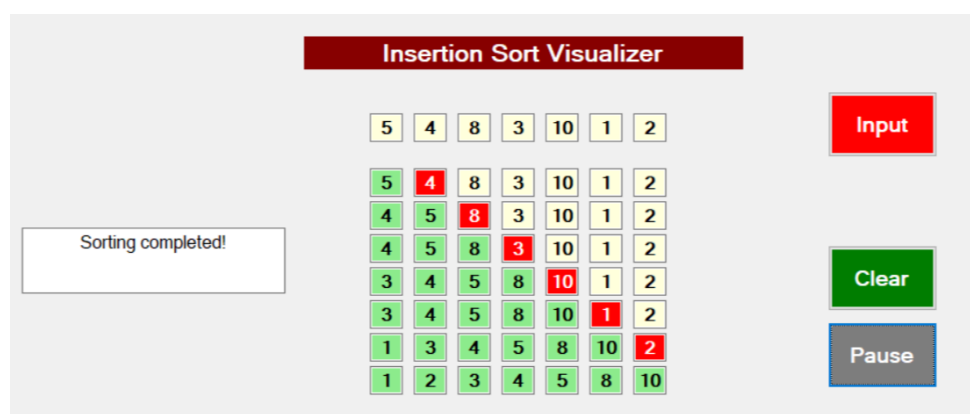The second image is the alert for input validation (n = "56a" is invalid).

When the array elements are entered one by one, the next page how they are displayed on the screen before the actual sorting begins.

When ""Begin" button is clicked, the insertion sort loop begins and the iterations are displayed subsequently. (green elements are sorted, red is the element under consideration (by the iterator)). Pause/Play button can be used for better visualisation and understanding.

After the sorting is complete, this is how the output screen looks like.

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