**AIM:** Write a C program to arrange a series of numbers using Quick Sort

**ALGORITHM:**

 Choose a pivot element (commonly the last element of the array).

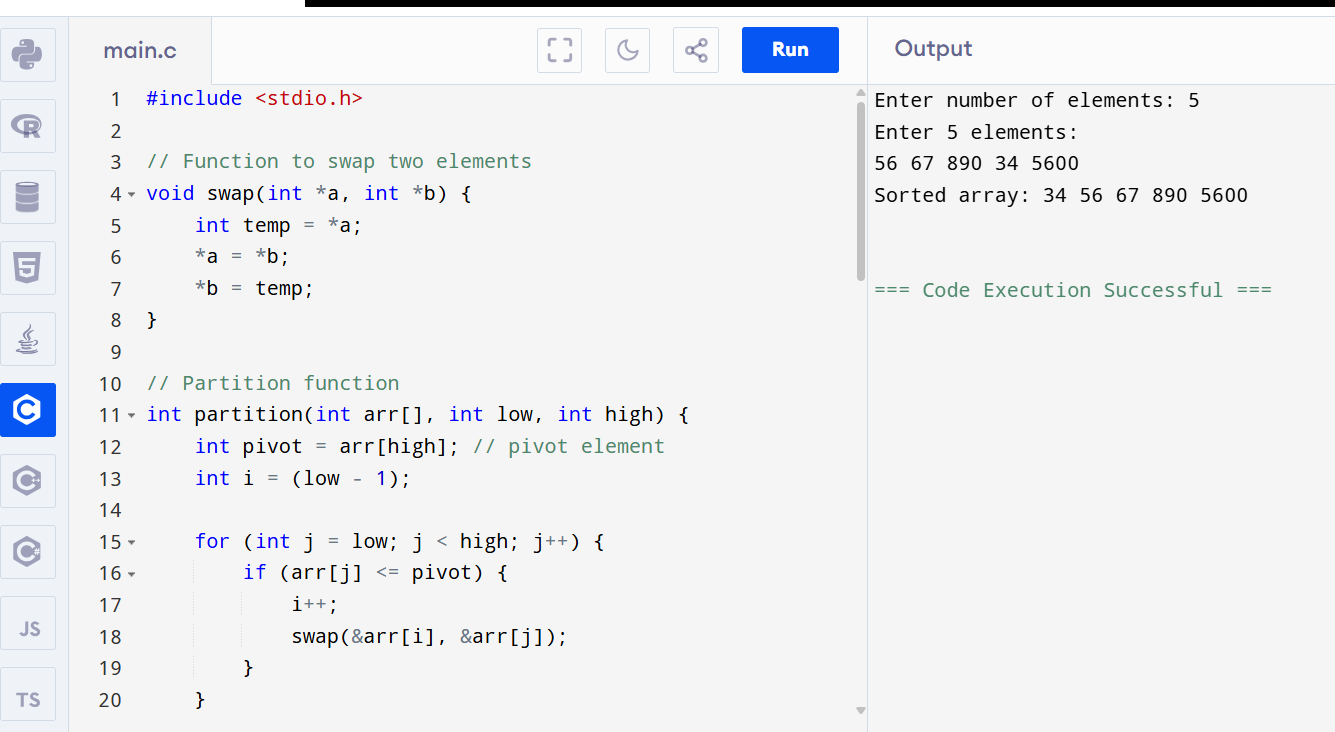
 Partition the array into two parts:

* Elements smaller than or equal to pivot on the left.
* Elements greater than pivot on the right.

 Place the pivot element in its correct position.

 Recursively apply the same steps to the left and right subarrays until the array is fully sorted.

**CODE:**

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**OUTPUT:**

Enter number of elements: 5

Enter 5 elements:

56 67 890 34 5600

Sorted array: 34 56 67 890 5600