18.Write a C program to arrange a series of numbers using Quick Sort

**Aim**

To write a C program that sorts a series of numbers using the **Quick Sort algorithm**.

**Algorithm**

1. Start
2. Choose a pivot element (commonly the last element).
3. Partition the array:
4. Elements smaller than pivot → left side
5. Elements greater than pivot → right side
6. Recursively apply Quick Sort to left and right sub-arrays.
7. Combine results → sorted array.
8. End

**Program**

