**AIM**

Write a C program to search a number using Linear Search method

**ALGORITHM:**

 Start the program.

 Read the size of the array n.

 Input the n elements into the array.

 Read the key element to be searched.

 Set a flag = -1.

 Repeat for each index i from 0 to n-1:

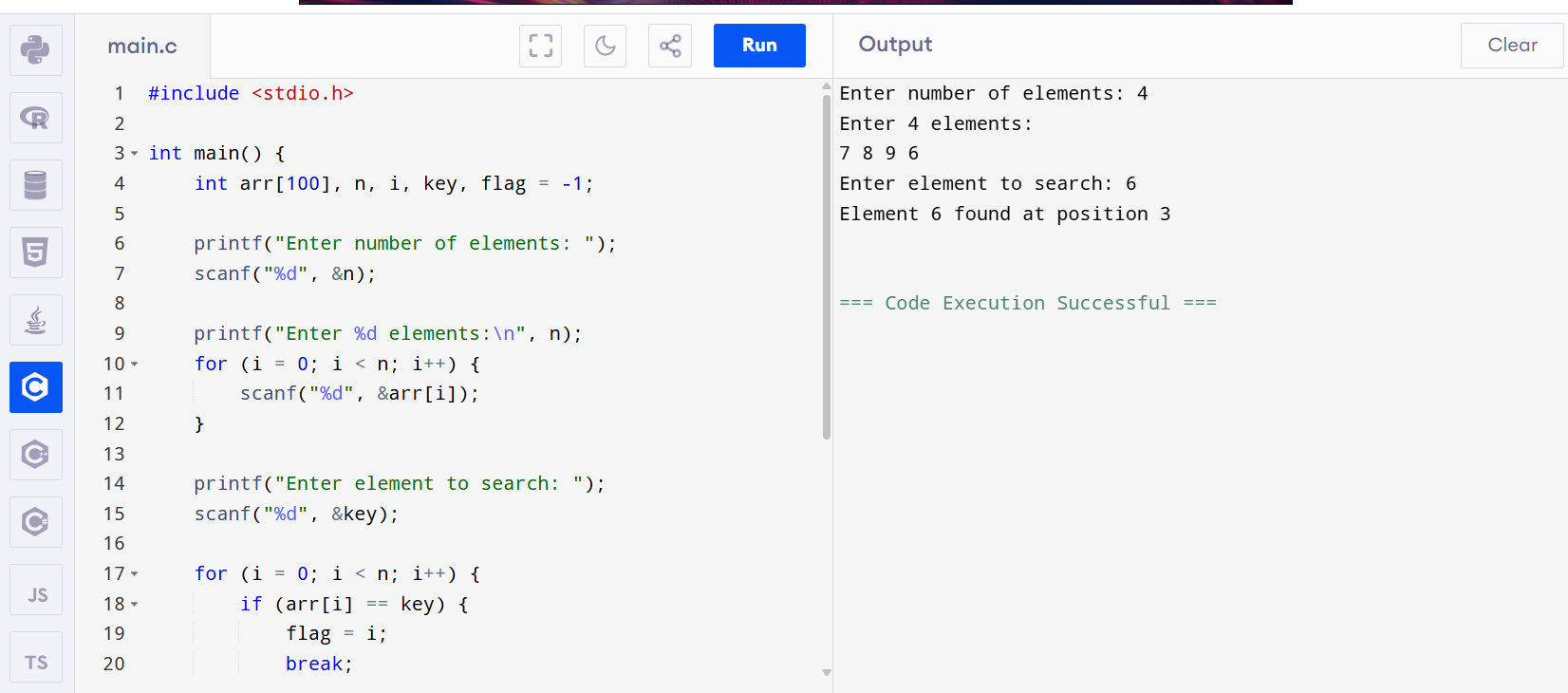
* If arr[i] == key, set flag = i and break.

 If flag ≠ -1, print that the element is found at position flag.

 Otherwise, print that the element is not found.

 End the program.

**CODE:**

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Output

Enter number of elements: 4

Enter 4 elements:

7 8 9 6

Enter element to search: 6

Element 6 found at position 3