**8. Write a C program to search a number using Linear Search method**

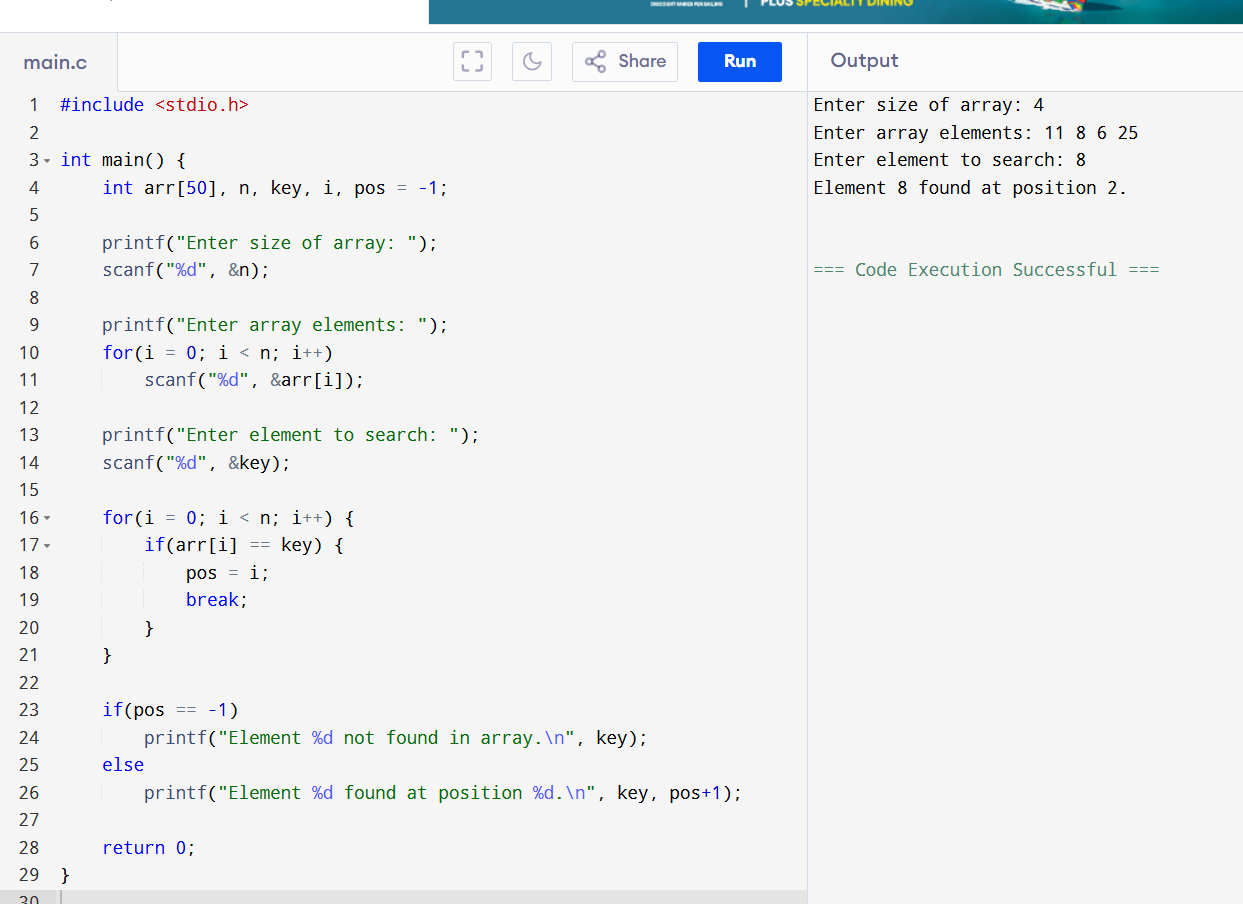
**Aim**

To write a C program to search a given number in an array using the Linear Search method.

**Algorithm (Linear Search)**

1. Start.
2. Input the size of the array and its elements.
3. Input the number to be searched (key).
4. Compare key with each element of the array one by one.
5. If a match is found, return the position.
6. If the loop ends without finding the key, report that the element is not present.
7. Stop.

**PROGRAM**

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