

Lab 25

Create an array of 10 integers containing the following values (in this order): 12, -7, 3, 17, 42, 6, 18, -15, 0, 1. Create a function called `seqSearch` that takes a `const` array and an integer `key` as parameters, and returns the array slot number that the key was found in. If the key was not found, the function should return -1. Main should use the function to have the user enter a number and print the array slot it was found in, or that it was not found.

Test Cases:

Test Case 1:

Enter a number to search for: <17>

17 was found in array slot 3.

Test Case 2:

Enter a number to search for: <12>

12 was found in array slot 0.

Test Case 3:

Enter a number to search for: <1>

1 was found in array slot 9.

Test Case 4:

Enter a number to search for: <40>

40 was not found.

Note: Should NOT say 40 was found in array slot -1!