**PROBLEM 2**

Searching 101

For this problem, you must allow the user to enter exactly 5 numbers as initial input.  
The program must then ask for an additional number.

The output of the program will indicate whether the last number is contained in the first 5 numbers.  
Your output should resemble that provided in the example below.

All of the numbers that will be entered are integers.

**Example 1**

Enter a number: 1  
Enter a number: 2  
Enter a number: 5  
Enter a number: 10  
Enter a number: 15  
Enter the number to be searched: 10

The number 10 appears in the first 5 numbers.

**Example 2**

Enter a number: 10  
Enter a number: 20  
Enter a number: 30  
Enter a number: 40  
Enter a number: 50  
Enter the number to be searched: 60

The number 60 does not appear in the first 5 numbers.