#include <stdio.h>

int main()

{

int array[100], search, c, number;

printf("Enter the number of elements in array\n");

scanf("%d",&number);

printf("Enter %d numbers\n", number);

for ( c = 0 ; c < number ; c++ )

scanf("%d",&array[c]);

printf("Enter the number to search\n");

scanf("%d",&search);

for ( c = 0 ; c < number ; c++ )

{

if ( array[c] == search )

{

printf("%d is present at location %d.\n", search, c+1);

break;

}

}

if ( c == number )

printf("%d is not present in array.\n", search);

return 0;

}

**OUTPUT:**

Enter the number of elements in array

4

Enter 4 numbers

1 6 10 16

Enter the number to search

10

10 is present at location 3.

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Process exited after 10.64 seconds with return value 0

Press any key to continue . . .