Linear search

**#include <stdio.h>**

**Int main()**

**{**

**Int array[100], search, c, n;**

**Printf(“Enter number of elements in array\n”);**

**Scanf(“%d”, &n);**

**Printf(“Enter %d integer(s)\n”, n);**

**For (c = 0; c < n; c++)**

**Scanf(“%d”, &array[c]);**

**Printf(“Enter a number to search\n”);**

**Scanf(“%d”, &search);**

**For (c = 0; c < n; c++)**

**{**

**If (array[c] == search) /\* If required element is found \*/**

**{**

**Printf(“%d is present at location %d.\n”, search, c+1);**

**Break;**

**}**

**}**

**If (c == n)**

**Printf(“%d isn’t present in the array.\n”, search);**

**Return 0;**

**}**

