*Date:16/01/23*

***Q. Write a program to search an element in an array using linear search*.**

#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) /\*if required element found\*/

{

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

break;

}

}

if(c==number)

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

return 0;

}

***OUTPUT:***

