//LINEAR SEARCH

//20UET009

#include<stdio.h>

int main()

{

int n, i, key;

int a[100];

printf("enter array size:\n");

scanf("%d",&n);

printf("enter array elements:\n");

for(i=0;i<n;i++)

{

scanf("%d",&a[i]);

}

printf("array elements are:\n");

for(i=0;i<n;i++)

{

printf("%d\t",a[i]);

}

printf("\nenter search element:\n");

scanf("%d",&key);

for(i=0;i<n;i++)

{

if(a[i]==key)

{

printf("element found at index:%d",i);

}

}

return 0;

}

