#include<stdio.h>

main()

{

int a[10],n,i,se;

printf("enter the number of variables to be used");

scanf("%d",&n);

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

{

printf("enter the value of a[%d]",i);

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

}

printf("enter the searching element ");

scanf("%d",&se);

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

{

if(a[i]==se)

{

printf("the element is found at position %d",i);

break;

}

}

return 0;

}