// 19. WAP that search a given element x in a set of N numbers using linear search

#include<iostream>

using namespace std;

int main()

{

int a[20],n,x,found=0;

cout<<"Enter size of the array ";

cin>>n;

cout<<"\n Enter the elements into array :-> ";

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

cin>>a[i];

cout<<"\n Enter the element to be searched: ";

cin>>x;

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

{

if(x==a[i])

{

cout<<"\n Element "<<""<<x<<""<<" is found at position:- "<<i+1<<"\n";

found=1;

break;

}

}

if(found==0)

cout<<"Sorry,element not found ";

system("pause");

return 0;

}

Output:-

