**#include<iostream>**

**using namespace std;**

**int main()**

**{**

**int myarray[100];**

**int i, searchkey,n, x;**

**bool found=false;**

**cout<<"How many values ";**

**cin>>n;**

**cout<<"Enter values in any order now";**

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

**{**

**cin>>x;**

**myarray[i]=x;**

**}**

**cout<<"Values Entered stored in array are "<<endl;**

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

**cout<<myarray[i]<<endl;**

**cout<<"Enter value to search in the array"<<endl;**

**cin>>searchkey;**

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

**{**

**if(myarray[i]==searchkey)**

**{**

**cout<<"Value "<<searchkey<<" was found at position "<<i<<endl;**

**found=true;**

**}**

**}**

**if(i==n && !found)**

**cout<<searchkey<<" was never found";**

**return 0;**

**}**