```cpp
#include<iostream.h>
#include<conio.h>
void main()
{
    clrscr();
    int a[23],num,search;
    cout<<"enter the number of elements in an array"<<endl;
    cin>>num;
    cout<<"enter the elements of an array"<<endl;
    for(int i=0;i<num;i++)
    cin>>a[i];
    cout<<"enter the element to search"<<endl;
    cin>>search;
    //start of code to search for an element
    for(i=0;i<num;i++)
     {
         if(a[i]==search)
          {
           cout<<search<<"  is found at "<<i+1;
           break;
          }

     }
     if(i==num)
         {
           cout<<"element is not found";

         getch();
}
```

```
enter the number of elements in an array
6
enter the elements of an array
11
23
12
32
43
21
enter the element to search
32
32  is found at 4_
```