```c
#include<stdio.h>

int main()
{
int a[20],i,x,n;
printf("How many elements?");
scanf("%d",&n);
printf("Enter array elements:");
for(i=0;i<n;++i)
scanf("%d",&a[i]);

printf("nEnter element to search:");
scanf("%d",&x);

for(i=0;i<n;++i)
if(a[i]==x)
break;

if(i<n)
printf("Element found at index %d",i);
else
printf("Element not found");

return 0;
}
```

```
How many elements?3
Enter array elements:2
4
1
nEnter element to search:4
Element found at index 1
-------------------------------
Process exited after 29.67 seconds with return value 0
Press any key to continue . . .
```