

```
import java.util.*;
```

```
class Search
```

```
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        int i,n,search,flag=0;
```

```
        System.out.println("Enter the number of  
elements : ");
```

```
        n = sc.nextInt();
```

```
        int[] a = new int[n];
```

```
        System.out.println("Enter the elements :  
");
```

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

```
        {
```

```
            a[i] = sc.nextInt();
```

```
        }
```

```
System.out.println("Enter the element to  
be searched : ");  
search = sc.nextInt();
```

```
    for(i=0;i<n;i++)  
    {  
        if(a[i]==search)  
        {  
            System.out.println("Element  
"+search+" found at "+i+" position. ");  
            flag=1;  
            break;  
        }  
    }  
    if(flag==0)  
    {  
        System.out.println("Element  
"+search+" not found. ");  
    }  
}  
}
```

Enter the number of elements : 5

Enter the elements :

1 2 3 4 5

Enter the element to be searched : 3

Element 3 found at 2 position.