

```
1 def binary_search(l1,key):
2     low=0
3     high=len(l1)-1
4     while low<=high:
5         mid=(low+high)//2
6         if l1[mid]==key:
7             return mid
8         elif l1[mid]<key:
9             low=mid+1
10        else:
11            high=mid-1
12    return -1
13
14 l1=[10,2,30,50,56]
15 key=90
16 print(binary_search(l1,key))
```