

python_算法题

二分算法:

```
def two_method(num, li, start, end):  
  
    mid=int((end+start)/2)  
  
    if start<=end:  
  
        if (num>li[mid]):  
  
            return two_method(num, li, mid+1, end)  
  
        if (num<li[mid]):  
  
            return two_method(num, li, start, mid-1)  
  
        if (num==li[mid]):  
  
            return mid  
  
    else:  
  
        return False
```

```
list=[1,2,3,4,5,6,7,8]
```

```
end=len(list)-1
```

```
print(two_method(8,list,0,end))
```