

34. 在排序数组中查找元素的第一个和最后一个位置

```
1 class Solution {
2 public:
3     vector<int> searchRange(vector<int>& nums, int target) {
4         if(nums.empty())
5         {
6             return {-1,-1};
7         }
8         int begin = 0;
9         int left = 0;
10        int right = nums.size()-1;
11        //找最左
12        while(left < right)
13        {
14            int mid = left + (right - left)/2;
15            if(nums[mid] < target)
16            {
17                left = mid+1;
18            }
19            else
20            {
21                right = mid;
22            }
23        }
24        if(nums[left] != target)
25        {
26            return {-1,-1};
27        }
28        else begin = left;
29
30        left = 0;
31        right = nums.size()-1;
32        //找最右
33
34        while(left < right)
35        {
36            int mid = left+(right-left+1)/2;
37            if(nums[mid] > target)
38            {
39                right = mid-1;
```

```
40         }
41         else{
42             left = mid;
43         }
44     }
45
46     return{begin,right};
47
48 }
49 };
```