康奈尔笔记法

课程名称	二分查找法	时间&地点	2021.2.1/华工园
话题/关键词	二分查找法		

线索	笔记
开篇 *提示* *复习后的思考* *图标*	1.二分查找法的输入一定要是有序的元素

总结

记录最重要的几点
进行课后总结思考

```
public static int Method(int[] nums, int low, int high, int target)
    {
        while (low <= high)
        {
            int middle = (low + high) / 2;
            if (target == nums[middle])
            {
                return middle;
            }
            else if (target > nums[middle])
            {
                low = middle + 1;
            }
            else if (target < nums[middle])
            {
                high = middle - 1;
            }
        }
        return -1;
    }


class Solution {
public int searchInsert(int[] nums, int target) {
int n = nums.length;
int left = 0, right = n - 1, ans = n;
while (left <= right) {
int mid = ((right - left) >> 1) + left;
if (target <= nums[mid]) {
ans = mid;
right = mid - 1;
} else {
left = mid + 1;
}
}
return ans;
}
}
```