**题目：** 704. 二分查找

最基础的二分查找题目，根据二分模板

```cpp
class Solution {
public:
    int search(vector<int>& nums, int target) {
        int n = nums.size();

        int left = 0;
        int right = n-1;
        while(left <= right)
        {
            int mid = left + (right-left)/2;
            if(nums[mid] < target) left = mid+1;
            else if(nums[mid] > target) right = mid-1;
            else return mid;
        }
        return -1;
    }
};
```