

贪心：300. 最长递增子序列

```
1  class Solution {
2  public:
3      int lengthOfLIS(vector<int>& nums) {
4          int n = nums.size();
5          vector<int> ret;
6          ret.push_back(nums[0]);
7          for(int i = 1; i < n; i++)
8          {
9              if(nums[i] > ret.back())
10             {
11                 ret.push_back(nums[i]);
12             }
13             else
14             {
15                 int left = 0;
16                 int right = ret.size()-1;
17                 while(left < right)
18                 {
19                     int mid = (left+right) >> 1;
20                     if(ret[mid] < nums[i]) left = mid+1;
21                     else right = mid;
22                 }
23                 ret[left] = nums[i];
24             }
25         }
26         return ret.size();
27     }
28 };
```