300 最长递增子序列

class Solution {

public int lengthOfLIS(int[] nums) {

if (nums.length == 0) {

return 0;

}

int[] dp = new int[nums.length];

dp[0] = 1;

int maxans = 1;

for (int i = 1; i < nums.length; i++) {

dp[i] = 1;

for (int j = 0; j < i; j++) {

if (nums[i] > nums[j]) {

dp[i] = Math.max(dp[i], dp[j] + 1);

}

}

maxans = Math.max(maxans, dp[i]);

}

return maxans;

}

}

205 同构字符串

class Solution {

public boolean isIsomorphic(String s, String t) {

Map<Character,Character> s2t=new HashMap<Character,Character>();

Map<Character,Character> t2s=new HashMap<Character,Character>();

int len=s.length();

for(int i=0;i<len;i++){

char x=s.charAt(i);

char y=t.charAt(i);

if(s2t.containsKey(x) && s2t.get(x)!=y || t2s.containsKey(y) && t2s.get(y)!=x){

return false;

}

s2t.put(x,y);

t2s.put(y,x);

}

return true;

}

}