

贪心: 409. 最长回文串

```
1 class Solution {
2 public:
3     int longestPalindrome(string s) {
4         int hash[127] = { 0 };
5         for(auto& ch : s)
6         {
7             hash[ch]++;
8         }
9
10        int ret = 0;
11        for(auto& s : hash)
12        {
13            ret += (s/2 * 2);
14        }
15        return ret < s.size() ? ret+1 : ret;
16
17    }
18 };
```

拓扑排序: 207. 课程表

```
1 class Solution {
2 public:
3     bool canFinish(int n, vector<vector<int>>& prerequisites) {
4         unordered_map<int, vector<int>> edges;
5         vector<int> in(n);
6
7         //建图
8         for(auto& e : prerequisites)
9         {
10             int a = e[0], b = e[1];
11             edges[b].push_back(a);
12             in[a]++;
13         }
14
15         queue<int> q;
16         for(int i = 0; i < n; i++)
17         {
18             if(in[i] == 0)
19             {
20                 q.push(i);
21             }
22         }
23         while(q.size())
24         {
25             int t = q.front();
26             q.pop();
27             for(int a : edges[t])
28             {
29                 in[a]--;
30                 if(in[a] == 0)
31                     q.push(a);
32             }
33         }
34         for(int i = 0; i < n; i++)
35         {
36             if(in[i]) return false;
37         }
38         return true;
39     }
```

