

动态规划: <https://leetcode.cn/problems/minimum-ascii-delete-sum-for-two-strings/>

```
1 class Solution {
2 public:
3     int minimumDeleteSum(string s1, string s2) {
4         int m = s1.size();
5         int n = s2.size();
6
7         vector<vector<int>> dp(m + 1, vector<int>(n+1));
8         for(int i = 1; i <= m ; i++)
9         {
10             for(int j = 1; j <= n; j++)
11             {
12                 dp[i][j] = max(dp[i-1][j], dp[i][j-1]);
13                 if(s1[i-1] == s2[j-1]) dp[i][j] = max(dp[i][j], dp[i-1][j-1] + s1[i-1]);
14             }
15         }
16         int sum = 0;
17         for(auto s : s1) sum += s;
18         for(auto s : s2) sum += s;
19         return sum - dp[m][n] - dp[m][n];
20
21     }
22 };
```