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88 All Substring Longest Common Subsequence:
89 //get LCS of s with all substring of t
90 const int N = 2002;
91 int f[N][N], g[N][N];
92
93 void sub_String_LCA(string s , string t){
94     int n = s.size(), m = t.size();
95     s = "#" + s;
96     t = "#" + t;
97     for (int i = 1; i ≤ m; ++i) f[0][i] = i;
98     for (int i = 1; i ≤ n; ++i) {
99         for (int j = 1; j ≤ m; ++j) {
100             if (s[i] == t[j]) {
101                 f[i][j] = g[i][j - 1];
102                 g[i][j] = f[i - 1][j];
103             }
104             else {
105                 f[i][j] = max(f[i - 1][j], g[i][j - 1]);
106                 g[i][j] = min(g[i][j - 1], f[i - 1][j]);
107             }
108         }
109     }
110     for (int i = 1; i ≤ m; ++i) {
111         for (int j = i, ans = 0; j ≤ m; ++j) {
112             if (i > f[n][j]) ++ans;
113             cout << ans << ' '; //LCS of s and t[i, j]
114         }
115         cout << '\n';
116     }
117 }

```