LCS of three strings

三个字符串的LCS

```
#include <bits/stdc++.h>
using namespace std;
int lcsOfThreeStr(string &s1, string &s2, string &s3, int &n, int &m, int &k) { }  
    vector < vector < int >>> dp(n + 1, vector < int >> (m + 1, vector < int > (k + 1)));
    for (int i = 1; i \le n; ++i) {
        for (int j = 1; j <= m; ++j) {
            for (int l = 1; l \le k; ++1) {
                if (s1[i - 1] == s2[j - 1] \&\& s1[i - 1] == s3[1 - 1])
                    dp[i][j][1] = dp[i - 1][j - 1][1 - 1] + 1;
                    dp[i][j][1] = max(dp[i - 1][j][1], max(dp[i][j - 1][1], dp[i][j][1 - 1]));
            }
       }
    return dp[n][m][k];
int main() {
   int T;
    scanf("%d", &T);
    while (T--) {
       string s1, s2, s3;
       int n, m, k;
       scanf("%d %d %d", &n, &m, &k);
       cin >> s1 >> s2 >> s3;
       printf("%d\n", lcsOfThreeStr(s1, s2, s3, n, m, k));
    return 0;
}
```

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