

Решение на 60 баллов

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#include <iostream>
#include <vector>
#include <string>
#include <ctime>
using namespace std;
char b[13][100][100][100] = {{{{0}}}};
void place1(int x1, int x2, int y1, int y2)
{
    b[x1>>3][x2][y1][y2] += 1<<(x1&7);
    return;
}
bool get(int x1, int x2, int y1, int y2)
{
    if (x1 > x2 || y1 > y2) return 1;
    return (b[x1>>3][x2][y1][y2] & (1 << (x1 & 7)));
}
int main()
{
    int n, m;
    freopen("f.in", "rt", stdin);
    freopen("f.out", "wt", stdout);
    cin >> n >> m;
    string a[100];
    for (int i = 0; i < n; ++i)
        cin >> a[i];
    int ans = 0;
    for (int dx = 1; dx <= n; ++dx)
        for (int dy = 1; dy <= m; ++dy)
            for (int x = 0; x + dx <= n; ++x)
                for (int y = 0; y + dy <= m; ++y)
                    if (get(x+1, x+dx-2, y, y+dy-1) && get(x, x+dx-1, y+1, y+dy-2) && a[x][y] ==
a[x+dx-1][y+dy-1] && a[x][y+dy-1] == a[x+dx-1][y])
                        {
                            place1(x, x+dx-1, y, y+dy-1);
                            ans++;
                        }
    cout << ans << endl;
    return 0;
}
```