Problem Link:

<https://leetcode.com/problems/minimum-domino-rotations-for-equal-row/description/?envType=daily-question&envId=2025-05-03>

Solution:

class Solution {

public:

int check(int x, vector<int>& tops, vector<int>& bottoms) {

int t = 0;

int b = 0;

for(int i = 0; i < tops.size(); ++i)

{

if(tops[i] != x && bottoms[i] != x)

return -1;

else if(tops[i] != x)

t++;

else if(bottoms[i] != x)

b++;

}

return min(t, b);

}

int minDominoRotations(vector<int>& tops, vector<int>& bottoms) {

int r = check(tops[0], tops, bottoms);

if(r != -1 || tops[0] == bottoms[0])

return r;

else

return check(bottoms[0], tops, bottoms);

}

};