Problem Link:

<https://leetcode.com/problems/vowels-game-in-a-string/?envType=daily-question&envId=2025-09-12>

Solution:

class Solution {

public:

bool doesAliceWin(string s) {

int n = s.size();

set<char> v = {'a', 'e', 'i', 'o', 'u'};

int p = 0;

bool e = false, o = false;

if(v.count(s[0]))

p = 1;

if(p == 0)

e = true;

else

o = true;

for(int i = 1; i < n; ++i)

{

if(v.count(s[i]))

{

p ^= 1;

}

if(p == 0)

e = true;

else

o = true;

}

return o;

}

};