Problem Link:

<https://leetcode.com/problems/reverse-vowels-of-a-string/?envType=daily-question&envId=2025-05-29>

Solution:

class Solution {

public:

string reverseVowels(string s) {

set<char> v = {'a', 'e', 'i', 'o', 'u', 'A', 'E', 'I', 'O', 'U'};

int l = 0, r = s.length() - 1;

while(l < r)

{

while(l < r && v.find(s[l]) == v.end())

l++;

while(l < r && v.find(s[r]) == v.end())

r--;

if(l < r)

{

swap(s[l], s[r]);

l++;

r--;

}

}

return s;

}

};