#15 days dsa coding challenge

#Day 8

#Leetcode 71

Simplify path

Solution:

class Solution {

public:

string simplifyPath(string path) {

vector<string> stack;

stringstream ss(path);

string part;

while (getline(ss, part, '/')) {

if (part == "" || part == ".") continue;

else if (part == "..") {

if (!stack.empty()) stack.pop\_back();

} else {

stack.push\_back(part);

}

}

string result = "/";

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

result += stack[i];

if (i != (int)stack.size() - 1) result += "/";

}

return result;

}

};