

DAY 27

INTERVIEW BIT PROBLEMS :

1. Simplify Directory Path

Given a string *A* representing an absolute path for a file (Unix-style).
Return the string *A* after simplifying the absolute path.

Note:

Absolute path always begin with '/' (root directory).
Path will not have whitespace characters.

Input Format

The only argument given is string *A*.

Output Format

Return a string denoting the simplified absolute path for a file (Unix-style).

For Example

Input 1:

A = "/home/"

Output 1:

"/home"

Input 2:

A = "/a/./b/../../c/"

Output 2:

"/c"

CODE :

PYTHON

class Solution:

 # @param A : string

 # @return a strings

 def simplifyPath(self, A):

 out = []

 split_A = A.split('/')

 for ele in split_A:

 if ele == '..':

 if out:

 out.pop()

 elif ele and ele != '.':

 out.append(ele)

 return '/' + '/'.join(out)