#15 days of dsa Coding Challenge

#Day 11

#Leetcode 322

Coin change

Solution:

class Solution {

public:

int coinChange(vector<int>& coins, int amount) {

vector<int> dp(amount + 1, amount + 1);

dp[0] = 0;

for (const int coin : coins)

for (int i = coin; i <= amount; ++i)

dp[i] = min(dp[i], dp[i - coin] + 1);

return dp[amount] == amount + 1 ? -1 : dp[amount];

}

};