Problem Link:

<https://leetcode.com/problems/best-time-to-buy-and-sell-stock/?envType=daily-question&envId=2025-02-08>

Solution:

class Solution {

public:

int maxProfit(vector<int>& prices) {

if(prices.empty())

return 0;

int p = prices[0];

int m = 0;

for(int i = 1; i < prices.size(); ++i)

{

m = max(m, prices[i] - p);

p = min(p, prices[i]);

}

return m;

}

};