#include <iostream>

#include <vector>

#include <limits>

using namespace std;

int maxProfit(vector<int>& prices) {

int minPrice = numeric\_limits<int>::max();

int maxProfit = 0;

for (int price : prices) {

minPrice = min(minPrice, price);

maxProfit = max(maxProfit, price - minPrice);

}

return maxProfit;

}

int main() {

vector<int> prices = { };

cin>> prices;

cout << maxProfit(prices) << endl;

return 0;

}