function maxStockProfit (pricesArr) {

var maxProfit = -1;

var buyPrice = 0;

var sellPrice = 0;

var changeBuyPrice = true;

for (var i = 0; i < pricesArr.length; i++) {

if (changeBuyPrice) buyPrice = pricesArr[i];

sellPrice = pricesArr[i + 1];

if (sellPrice < buyPrice) {

changeBuyPrice = true;

}

else {

var tempProfit = sellPrice - buyPrice;

if (tempProfit > maxProfit) maxProfit = tempProfit;

changeBuyPrice = false;

}

}

return maxProfit;

}

maxStockProfit([10, 18, 4, 5, 9, 6, 16, 12]);