



$\text{if } (\text{Price}[i] < \text{Price}[\text{Min}]) \{$   
 $\text{Profit} += \text{Price}[\text{Max}] - \text{Price}[\text{Min}]$   
 $\text{Price}[\text{Max}] = \text{Price}[\text{Max}] = \text{Price}[i]$   
 $\}$  else  $\{$   
 $\text{Price}[\text{Min}] = \text{Price}[i]$   
 $\}$   
 $\}$   
 $\text{Profit} += \text{Price}[\text{Max}] - \text{Price}[\text{Min}]$