#include<limits.h>

#include <stdio.h>

int Max\_profit(int arr[],int n){

int max\_profit = INT\_MIN;

for(int i=0;i<n-1;i++){

for(int j=i+1;j<n;j++){

int profit = arr[j]-arr[i];

if(profit>max\_profit)

max\_profit = profit;

}

}

return max\_profit;

}

int main() {

int arr[6]={100,150,70,90,130,60};

int profit = Max\_profit(arr,6);

printf("%d",profit);

}