02/15/2017
CS Club

Two problems for now:
- https://www.hackerrank.com/challenges/closest-numbers
- https://leetcode.com/problems/best-time-to-buy-and-sell-stock/

You might find the following C++ functions helpful in at least one of the problems:

- max()

  Example:
```
max(1,2)==2
max(2,1)==2
max('a','z')==z
```

  default
```
template <class T> const T& max (const T& a, const T& b);
```

  custom
```
template <class T, class Compare>
    const T& max (const T& a, const T& b, Compare comp);
```

- min() - similar usage to max()

  default
```
template <class T> const T& min (const T& a, const T& b);
```

  custom
```
template <class T, class Compare>
    const T& min (const T& a, const T& b, Compare comp);
```

- sort() for vector<int/double/[insert comparable objects]>

  Example:
```
vector<int> arr;
sort(arr.begin(), arr.end()); // ascending
sort(arr.rbegin(), arr.rend()); // descending
```

- INT_MIN, INT_MAX: limits of the numbers that type **int** can handle. May require #include <climits>