## First Studio Session on C++ Algorithms

## Part1

1.

2.

```
-2 19 80 -47 80 80 -2
-2 19 80 -47 80 80 -2
```

3.

4.

```
| #include <iostream>
| #include <algorithm>
| #include <iterator>
| #include <set>
| #include <iterator>
| #include <iterator
| #include <it
```

```
copy(arr, arr + sizeof(arr)/sizeof(arr[0]), ostream_iterator<int>
cout << endl;
cout << "Sorted vector: ";
copy(vec.begin(), vec.end(), ostream_iterator<int>(cout, " "));
cout << endl;
findRepeat(begin(arr), end(arr));
findRepeat(vec.begin(), vec.end());
return 0;</pre>
```

-2 19 80 -47 80 80 -2 -2 19 80 -47 80 80 -2

Sorted array: -47 -2 -2 19 80 80 80 Sorted vector: -47 -2 -2 19 80 80 80

-2 -2

80 80 80

-2 -2

80 80 80 Median: 19

Mean: 29.7143

Mode: 80 Median: 19 Mean: 29.7143

Mode: 80

## Part2

6.

运行时间	占用内存	得分	操作
0m0.010s	6784kb	100	请点这

## 里关闭本窗口

7.

Pair 1 3 of Clubs 4 of Hearts 8 of Spades 9 of Diamonds Oueen of Diamonds is High Card Pair 2 3 of Hearts 5 of Spades 10 of Clubs Oueen of Hearts Queen of Spades is One Pair Pair 3 4 of Spades 5 of Clubs 6 of Hearts 8 of Clubs Ace of Hearts is High Card Pair 4 4 of Diamonds 6 of Diamonds 10 of Diamonds Jack of Diamonds Oueen of Clubs is High Card Pair 5 2 of Hearts Jack of Spades King of Diamonds Ace of Clubs Ace of Spades is One Pair