Workspace –

/Users/user/Desktop/workspace-basic-java/

1. ArraySum – NextMaximumValueInArray > max sum number
2. PairsInArray – first non-pair in array
3. GroupByArrays – multiple sum of 2 halves of the array
   1. multiplyNew()
4. ImpactFactorCodility – No idea - String S="CAGCCTA";
5. ZerosOnesArray – GroupingBy and repeat string

{0=3, 1=3, 4=6, 5=3, 6=1, 7=2, 8=1, 9=2}

000111444444555677899

1. FrogCodility – unique non repeatable steps.
2. RotateAString – left and right
3. Incremental\_2DArray ->3->2->2->4->2->
4. NextMaximumValueInArray
   1. **int**[] A = {0,2,3};=>1
5. DistinctGroups
6. RotateArrayKTimes – RotateArrayKTimesKunal{also good}
7. AyushiOrched - AyushiOrched.java
8. ReverseArray
9. NonRepeatingString – first occurance of non-repeating string value or first value … kunalSolution().
10. Duplicatein array – CheckDuplicate
11. Number of Groups present :

Map<Integer, Long> map = Arrays.*stream*(arr).boxed().collect(Collectors.*groupingBy*(Function.*identity*(),Collectors.*counting*()));

map.entrySet().stream().forEach(x->System.***out***.println(x.getKey()+":-:"+x.getValue()));

* 1. System.***out***.println(map.entrySet().size());

1. FindMinMaxInArray – find the minimum and the maximum value in an array
2. PairInArrayWithSumEqualToGivenNumber–

input integer array is {2, 6, 3, 9, 11} and given sum is 9, the output should be {6,3}.  
  
Read more: <https://javarevisited.blogspot.com/2014/08/how-to-find-all-pairs-in-array-of-integers-whose-sum-equal-given-number-java.html#ixzz6xwvAmtGj>

1. UniqueElementInArray –

**private** **static** **void** solution(**int**[] A) {

Map<Integer, Long> groupMap = Arrays.*stream*(A).boxed().collect(Collectors.*groupingBy*(Function.*identity*(),Collectors.*counting*()));

groupMap.entrySet().stream().filter(x->x.getValue()==1).forEach(x->System.***out***.println(x.getKey()));

}

1. KthSmallestElementInArray. Same for largest

{1, 2, 3, 9, 4} and k=2 then you need to find the 2nd smallest number in the array, which is 2

1. CommonElemetsIn3Arrays –
2. FirstNonRepeatingElementInArray
3. NegativePositiveArrangedArray

Input: {1, 2, 3, -4, -1, 4}

Output: {-4, 1, -1, 2, 3, 4}

1. LongestConsecutiveSequenceInArray
2. ParkingCarPairsKunal. 010111 – 0=east, 1=west
3. MaxDisksOnRods – good one
4. CakeFactory – hard : Cake layers
5. AnimalDayEventDogDoge – Dog toys exchanges are possible or not