1. Arrays
   1. Reverse the array
      1. Two pointer start and end
      2. swap element of start and end till start < end.
   2. Find the maximum and minimum element in an array
      1. Declare max and min with Integer MIN\_VALUE and MAX\_VALUE
      2. Iterate over array and check if element is less than min then assign into min
      3. Iterate over array and check if element is greater than max then assign into max
   3. Find the kth max and min element of an array
      1. Sort the array and the return k – 1 index value
   4. Given an array which consists of only 0, 1 and 2. Sort the array without using any sorting algo
      1. Declare three variables l = 0, m = 0 and h = n – 1
      2. Loop m <= h
      3. If array[m] is 0 then swap with low index with mid index and do l++ , m++
      4. If array[m] is 1 then do m++
      5. If array[m] is 2 then swap with mid index with high index and do h--
   5. Move all the negative elements to one side of the array
      1. Two pointer start and end
      2. If start index value is greater than 0 then
      3. Swap with end and --end
   6. Find the Union and Intersection of the two sorted arrays.
      1. Declare new array with size arr1.length + arr2.length
      2. For union, merge two array and whenever any duplicates come then insert only one in new array else insert in new array.
      3. For intersection merge two array and whenever any duplicates come then only insert in new array.
   7. Write a program to cyclically rotate an array by one.
      1. Store last index value in temp variable
      2. Loop from last till first and move all element by 1 index
      3. Then set temp to first index
   8. Find largest sum contiguous Subarray [V. IMP]
      1. Declare previous sum and max variable
      2. Loop over the array
      3. Assign prev = max(arr[i], arr[i] + prev)
      4. Assign max = max(prev, max)
      5. Return max
   9. Minimize the maximum difference between heights [V.IMP]
      1. Declare min and max array
   10. Minimum no. of Jumps to reach end of an array