1)Alternate sorting: Given an array of integers, rearrange the array in such a way that the first
element is first maximum and second element is first minimum.
 Eg.) Input : {1, 2, 3, 4, 5, 6, 7}
 Output : {7, 1, 6, 2, 5, 3, 4}

2) . Write a program to sort the elements in odd positions in descending order and elements in
ascending order
Eg 1: Input: 13,2 4,15,12,10,5
 Output: 13,2,12,10,5,15,4
Eg 2: Input: 1,2,3,4,5,6,7,8,9
 Output: 9,2,7,4,5,6,3,8,1
3. Write a program to print the following output for the given input. You can assume the string is of
odd length
Eg 1: Input: 12345
 Output:
1   5
  2 4
    3
  2   4
1   5

3)Find if a String2 is substring of String1. If it is, return the index of the first occurrence. else return -1.
Eg 1:Input:
 String 1: test123string
 String 2: 123
 Output: 4
Eg 2: Input:
 String 1: testing12
 String 2: 1234
 Output: -1