

## ASSESSMENT-6

Q.1 .Given a sorted array of distinct integers and a target value, return the index if the target is found. If not, return the index where it would be if it were inserted in order.

Example 1:Input: nums = [1,3,5,6], target = 5 Output: 2

Example 2: Input: nums = [1,3,5,6], target = 2 Output: 1

Q2. . Find all the pairs having positive value and negative value of a number that exists in the array. Return the pairs in any order.

Q3.

5 4 3 2 1 2 3 4 5

4 3 2 1 2 3 4

3 2 1 2 3

212

1

Q4.

Java Program to Remove Characters from the Input String which are Present in the Mask String. (Do by this using Scanner class)

Input: Enter String: Practice Java String Programs

Enter Mask String: abc

Output: Prtie Jv String Progrms

Q5. pattern this String

"India is my country" =input

"andii5 si2 ym2 yountrc7"= output

Q6.

AAAAAA

12BBBBB

123CCCC

1234DDD

12345EE

123456F

1234567