DSA\_PROBLEMS (18/11/2024)

1. Given an array, **arr[]**. Sort the array using bubble sort algorithm.

**Examples :**

**Input**: arr[] = [4, 1, 3, 9, 7]

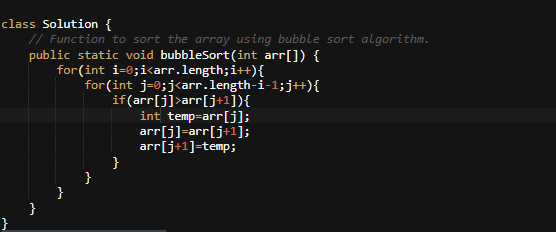
**Output**: [1, 3, 4, 7, 9]

**Input**: arr[] = [10, 9, 8, 7, 6, 5, 4, 3, 2, 1]

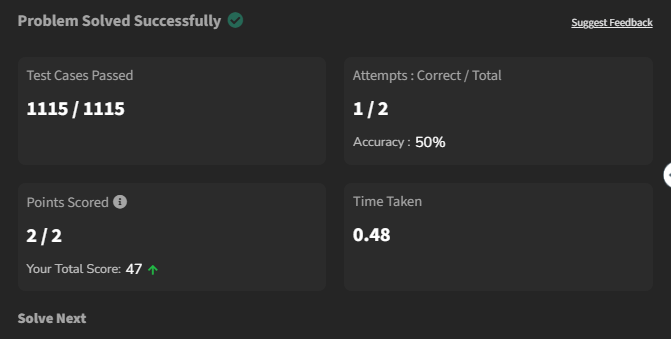
**Output**: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

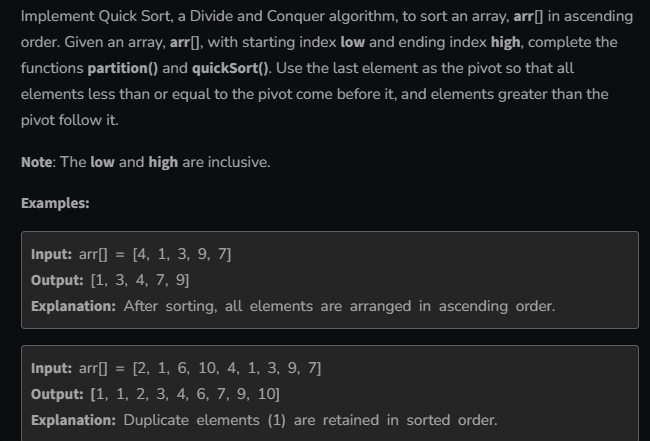
**Worst-Case Time Complexity**: O(n2)

Code:

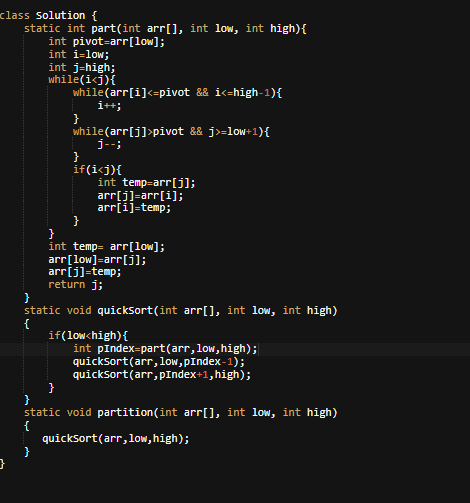


Output:

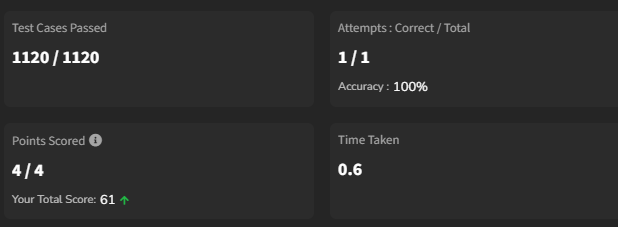


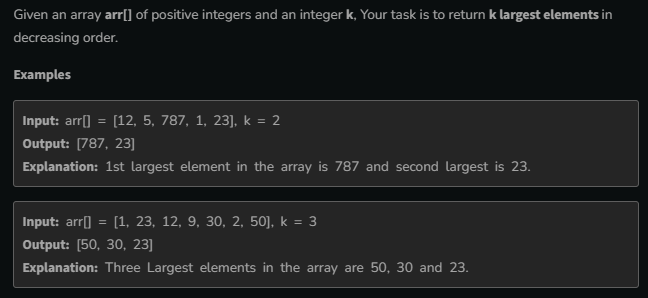
2. 

Code:

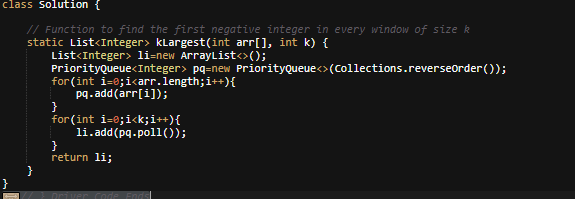


Output:

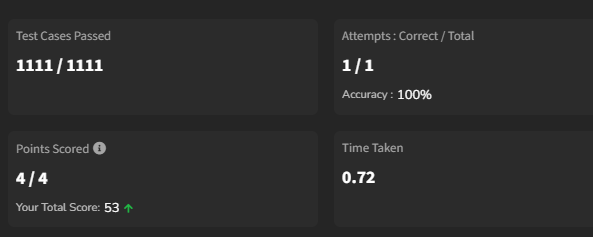


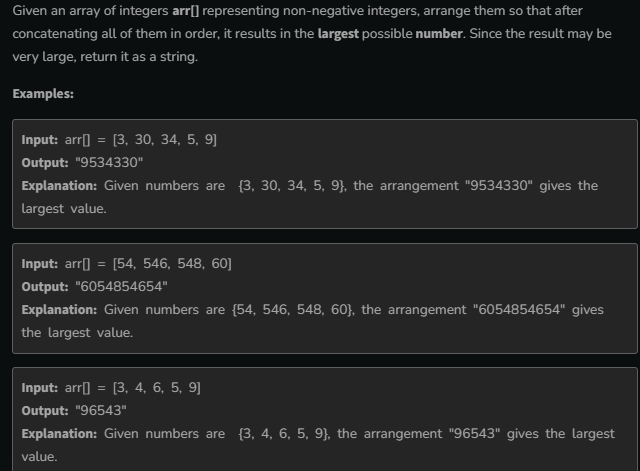
3. 

Code:

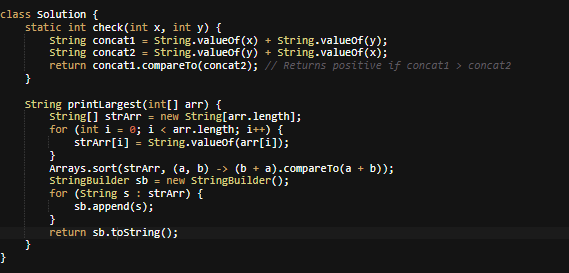


Output:

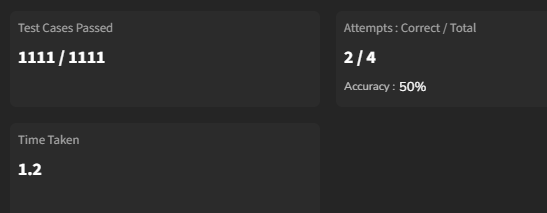


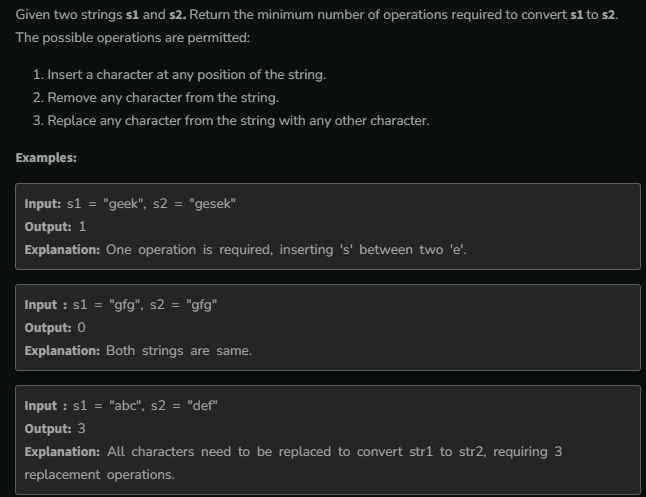
4. 

Code:

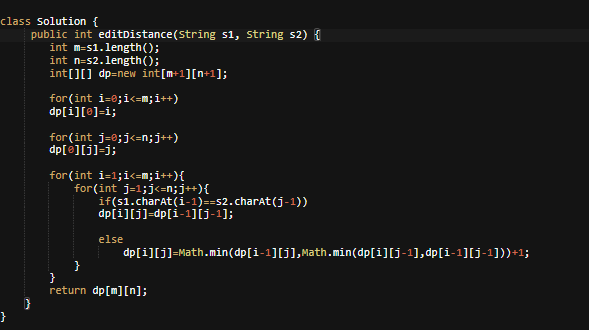


Output:

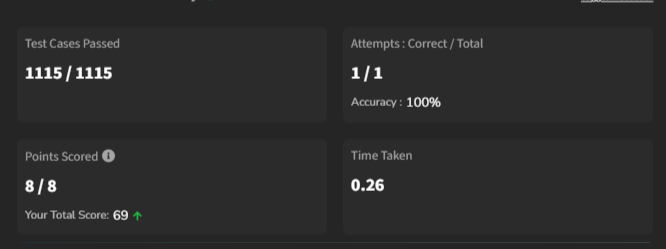


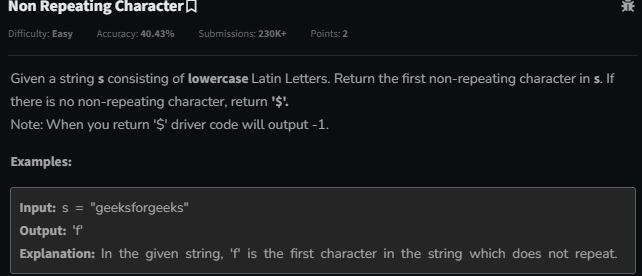
5. 

Code:

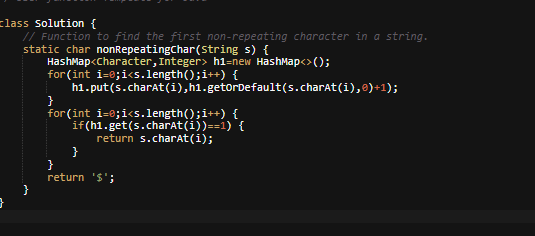


Output:



6. 

Code:



Output:

