**CS 5V81.012 – Special Topics in Computer Science – F16**

**Optional Project 5**

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**Question 1:**

**Q1**.**java** has the code to this solution. The given code outputs number of pairs in the given array that gives given sum using TreeMap.

**Note:** Input for this question is given from console and we give number of elements in array, elements of array and expected sum consecutively.

**Question 2:**

**RemoveDuplicates.java** has the code to this solution. The given code gives number of unique values from the array given using TreeMap.

**Note:** Input for this question is given from console and we give number of elements in array first and then the elements of array.

**Question 3:**

**LongestStreak.java** has the code to this solution. The given code gives the longest streak of consecutive integers from given array TreeSet.

**Note:** Input for this question is given from console and we give number of elements in array first and then the elements of array.