**Algorithmic Problem Solving [17ECSE309]**

**Q-Box Assignment Set**

Student Name:

SRN:

Branch:

**Question 01**

Title:

Level: Easy

Concepts Tested:

**Problem Statement:**

Provide a scenario description here. Add your name if your scenario involves a character.

**Input Format:**

Describe the inputs and format in which they will be supplied.

Example:

User first enters N which indicates the size of array followed by N different values in a newline separated by space.

**Constraints:**

Write down the problem constraints here.

Eg:

1 <= N <= 100000

**Output Format:**

Explain the output.

Eg:

A single integer value denoting the sum of array

**Solution:**

Provide solution in any language of your choice

**Sample Test Cases:**

Provide one or two sample test cases describing how the output was achieved. You can refer to HackerRank for more specific format.

**Test Cases:**

Provide atleast 7-10 test cases. If test cases are huge, add them in a separate file (input6.txt file will contain the input and output6.txt will contain its respective output).

**Question 02**

Title:

Level: Medium

Concepts Tested:

**Problem Statement:**

Provide a scenario description here. Add your name if your scenario involves a character.

**Input Format:**

Describe the inputs and format in which they will be supplied.

Example:

User first enters N which indicates the size of array followed by N different values in a newline separated by space.

**Constraints:**

Write down the problem constraints here.

Eg:

1 <= N <= 100000

**Output Format:**

Explain the output.

Eg:

A single integer value denoting the sum of array

**Solution:**

Provide solution in any language of your choice

**Sample Test Cases:**

Provide one or two sample test cases describing how the output was achieved. You can refer to HackerRank for more specific format.

**Test Cases:**

Provide atleast 10-15 test cases. If test cases are huge, add them in a separate file (input6.txt file will contain the input and output6.txt will contain its respective output). You need to write atleast 3 test cases for this problem which are more than 1MB (input file).