Introduction to Programming Lab Assignment
Course Teacher: MD SAJID BIN- FAISAL
Semester: Spring 21-22
Total Marks: 30

1. Take the input of runs in last 10 ODI matches for Shakib Al Hasan in integer form. Next print the batting average of the player in float (type cast). At the end, determine the total runs scored by him in last 10 innings were even or odd.

2. Take a size of the array from the users input then store the elements required to assemble the array. At the end print the elements of the array in reverse order.

3. Consider the array = {12,18,19,15,3,17,21,31,23}. Now you have to calculate the maximum value of the array using loop.

4. Write a program that will count the number of even and odd numbers entered by user. First, ask the user that how many numbers that he/she wants to take. At last count how many odd numbers entered and how many even numbers entered by the user. (hint: use countODD, and countEVEN to determine the number initializing them 0 at the beginning).

5. Using the concept of String, print your name, id and section name as different string variables (initialize them don't have to take input). Then **show** the comparison of two strings whether they are same or different, the length of each string, the task of copying one string to another string variable should be shown as if id is copied to section string. Next, consumption in the memory in bytes for each string should be shown. At last, show the concatenation or merging two strings together with the strcat() function.