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Course Name: Computer Lab 201 (Data Structure)
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Assignment 1:

Problem 1: Write a C Program to take a value of n and insert n random values between 1 to 10 in an array A. **4 points**

    1.1   Print all the values.
    1.2   Find the maximum and minimum values from A and print them.
    1.3   Find the sum of n elements in array A. Print the sum value.
    1.4   Find the average of the n elements. Print the average value.

Problem 2: Write the following C Program. **6 points**

    2.1   Take two matrices (2D array) A and B of size m x n and p x q, respectively.
    2.2   The values of m, n, p, and q would be the user input.
    2.3   Take values from users for A and B.
    2.4   Now take another resultant matrix C which stores the sum of A and B.
    2.5   Now take another resultant matrix D which stores the multiplication of A and B.
    2.6   Print A, B, C, and D.