

## Assignment 10

Q1. Define a structure for representing a point in two-dimensional Cartesian co-ordinate system.

- Write a function to compute the distance between two given points.
- Write a function to compute the middle point of the line segment joining two given points.

Q2. Define a structure to represent students' information (name, roll number, cgpa). Read the data corresponding to N students in a structure array, and find out the students with the highest and lowest cgpa values.

Q3. Define a structure to represent a cricketer's information ( name,runs, average). Read the data corresponding to N cricketer's in a structure array. The space for the array of structures should be determined at run-time by user input