

## Assignment on Structures

1. 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.

2. 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.

3. 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