Classes

Q1Create class Point(X, Y) and find distance between two points using friend function?

Q2: Create Class Point(X, Y, Z) and find mid point by passing object and returning object from function, function should not be member of class.

Q3: create class Cylinder(r,h) and find volume, base area and surface area using three different member functions? Radius and height of object should be initialized using parameterized constructor and explicit call.

Q4: create class Size(static int a, double b, char c, const int d), find the size of object?

Q5: create class student(Rollno, fee, Name) and create object array, add students and delete students, Rollno should be auto increment?