3 The Point Pair Set Class

The next class you are asked to implement is the point pair set class: PointPairSet. Each element in a point pair set is a point pair. Note that in a set there are no duplicated elements and the order of the elements does not matter.

The implementation of a point pair set is pointer-based. So a set is represented by a linked list. A node in the linked list is an object of a class, called PointPairNode, defined within the PointPairSet class, and its implementation is already given. Each object in the PointPairNode is a node with two fields: pair_, which is a point pair, and next_, which is a pointer to the next node.

The header file for the point pair set class, PointPairSet.h, can be downloaded from the project page. As before, you can not alter the given header file.

To receive credits for this part of the project submit your `PointPairSet.cpp` by the deadline, which is the midnight of the due date.

To be continued ...