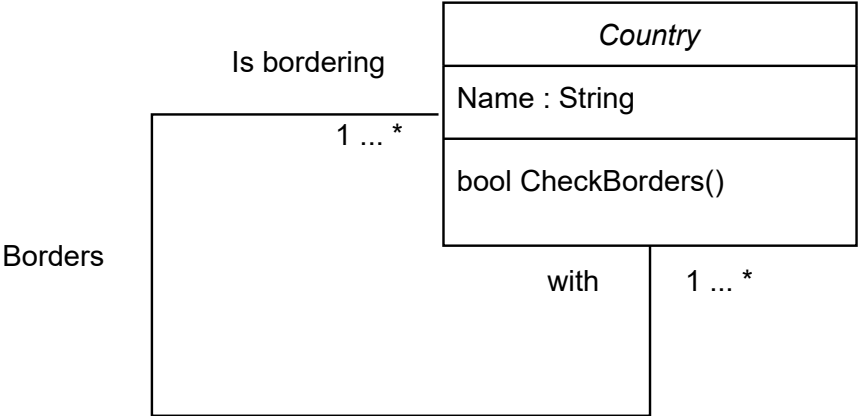


IT 314 Lab 4 Class Diagrams

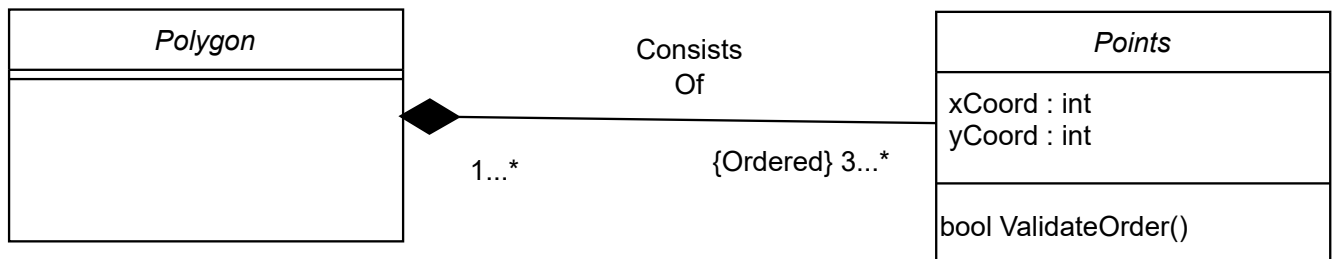
Name : Desai Aditya Veeral

Student ID - 202201451

Question 1

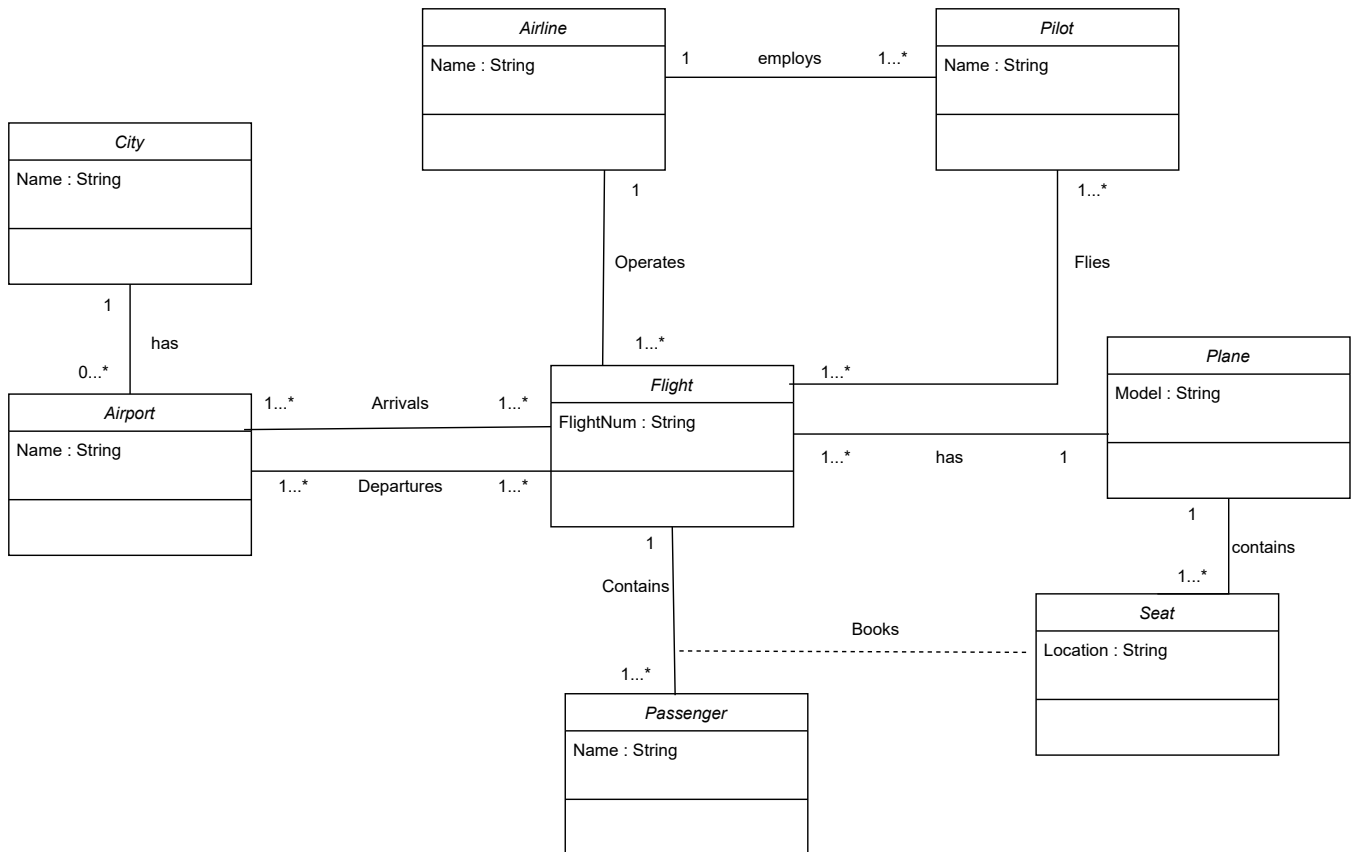


Question 2



- The Polygon with the smallest number of sides is a triangle requiring 3 points
- As minimum 3 points are required, the multiplicity on the points side is 3 to many.
- One point can be shared between more than one polygons.
- A point can be shared between multiple polygons but each polygon still requires 3 polygons only.
- The ordering of points is important and also if the ordering is changed the shape of the polygon might turn out different or edges may intersect.

Question 3



Question 4

