North South University

Department of Electrical and Computer Engineering CSE 215L: Programming Language II Lab

Lab – 12: Abstract Class & Interface

Objective:

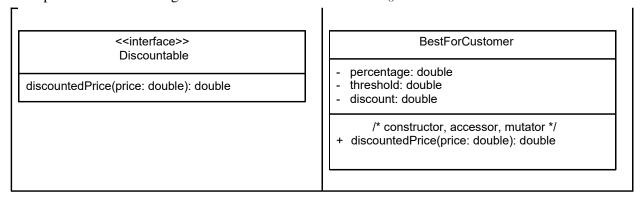
- To understand abstract class
- To understand interface

Task:

1. Implement the following classes and invoke area(), perimeter() for object of Triangle:

Polygon	Triangle extends Polygon
- numSide: int /* constructor */ /* accessor-mutator */	- sideA: double - sideB: double - sideC: double
+ area(): double + perimeter(): double	/* constructor */ /* accessor-mutator */ + area(): double + perimeter(): double

2. Implement the following class and invoke discountedPrice():



discountedPrice() from BestForCustomer class will consider both percentage and threshold discount and give the customer the best possible sales price.