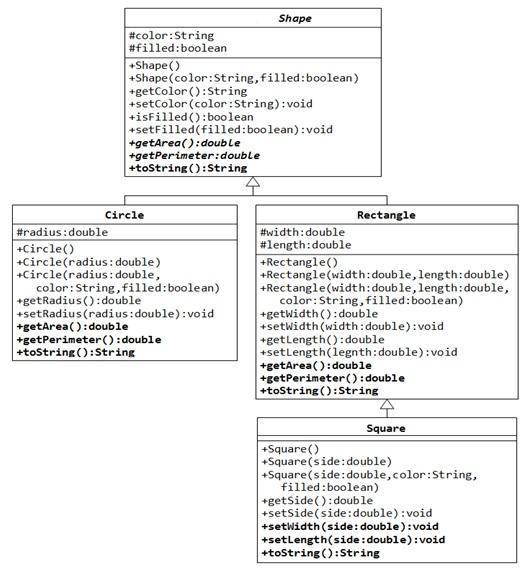
**B.Tech Second Year (CS/IT)**

**Lab Assignment #5**

**Assignment 5:**

**Part 1:**

Implement the generic Shapes class as an abstract class so that we can extend concrete classes like circle, triangle, rectangle class from it. The details of shape and other classes is given in diagram. Write a concrete subclass Rectangle, Circle and Square. In another class, write a main method to define a Rectangle and a Triangle



**Part 2:**

Program to implement multilevel inheritance. Create class Account with cust\_name and account\_number as instance variables and write getdata and putData() methods which will take customer name and account number and will display the same using putData method. Create another class savingAcc that extends class Account with min\_balance and sav\_bal as instance variables and getdata() and putData() method to take instance variables as well as call base class methods in respective getData and putData methods. Create another class accdetail with deposits and withdrawal as instance variables, getdata() and putData() method to take instance variables as well as call base class methods in respective getData and putData methods.Create separate class accountInfo which will create object of accdetail and its respective methods to get and display information.

