Lab #11

Object-Oriented Programming

1. A simple example of inheritance in Java can be implemented as follows:

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| class Shapes{ public void sides() { System.out.println("sides() method."); }}class Square extends Shapes{ public void sides() { System.out.println("square has four sides."); }}class Triangle extends Shapes{ public void sides() { System.out.println("triangle has three sides."); }}class PolymorphismExample{ public static void main(String[] args) { Shapes shape = new Shapes(); Shapes square = new Square(); Shapes triangle = new Triangle(); shape.sides(); square.sides(); triangle.sides(); }} |
| 1. Explain in 2-3 sentences what the code does.
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| e-mail me a completed solution to the above program in a Word document, and include Labs #01-10 in this document also. e-mail to Damian.X.Gordon@TUDublin.ie with subject heading “DT249 OOP Lab #01-11” |