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](mailto:Damian.X.Gordon@TUDublin.ie) with subject heading “DT249 OOP Lab #01-11” |