**Do Now: Debugging Warm Up!**

| Here is a GeoLocation class that represents the latitude / longitude of a location as a point:  public class GeoLocation  {  private double latitude;  private double longitude;  public GeoLocation(double lat, double lon)  {  latitude = lat;  longitude = lon;  }  public String getCoords()  {  String coords = "(" + latitude + ", " + longitude + ")";  return coords;  }  public void printCoords()  {  String coords = getCoords();  System.out.println(coords);  }  }  Raphael created a GeoRunner class as a client that uses the GeoLocation class. In the main method of his runner class, he wrote the following code to create a GeoLocation object then print out its coordinates, as shown below:  public class GeoRunner  {  public static void main(String[] args)  {  GeoLocation geo = new GeoLocation(14.0, 15.0);  System.out.println(geo.printCoords());  }  } | | | |
| --- | --- | --- | --- |
| Raphael *expects* that the printed output will be    But his code does not produce the expected result! **He needs your help to debug his code!** | | | |
| **2.**  Create a new IntelliJ project (LASTNAMEU2T6Lab, which you will also use for today's lab).  **Copy/paste** the code for the two classes above into your IntelliJ project. | | | |
| **3.** Try to execute the GeoRunner client code to see what actually happens. | | | |
| **4.** Work with your partner to find **TWO** different ways to fix this problem that do **NOT** involve altering the code of GeoLocation class (*only* alter Raphael's code in the GeoRunner class). | | | |
| **Copy/paste your *two* different fixes as your answer to the Do Now question! Just copy/paste the line(s) of code you changed (not the entire runner class)**  **Label your two solutions (a) and (b)** | | | |