1. Fill in some code for an Employee class, following guidelines given through comments.

```java
public class Employee {
    // instance variables
    String name;
    String position;
    double hourly; // hourly wages
    double hours; // hours worked this week

    // constructor
    public Employee(String x, String y, double w, double h) {
        name = x;
        position = y;
        hourly = w;
        hours = h;
    }

    // wages(): Returns the wages of this employee for this week
    // calculated as 1.5 of hourly rate for hours over 40.
}
```

2) Write client code that uses the Employee class:

a) Instantiate an Employee object with name “Lucia Rodriguez” position “software engineer”, with hourly rate $42.50 and who worked 52.5 hours last week. Assign it to a variable named `coderBoss`

b) Suppose you have three Employee objects `e1`, `e2` and `e3`. Write some client code that uses the Employee class to calculate and print the average of their wages. (Note: it is NOT necessary to format as currency).
1. Fill in some code for an Employee class, following guidelines given through comments.
   public class Employee {
      // instance variables
      String firstName;
      String lastName;
      int yearHired

      // constructor: Construct object with x, y, and z as first
      name, last name, and year hired, respectively.

      // toString(): Returns a String corresponding to object.

      // getYearHired(): Returns the year this Employee was hired.
      public int getYearHired()
      {
          return yearHired;
      }
   }

   2) Write client code that uses the Employee class:
      a) Instantiate an Employee object for someone named Miranda Hopkins, hired in 2012. Assign it to
         a variable named coder

      b) Suppose you have two Employee objects e1, e2. Write some client code that uses the
         getYearHired() and toString() methods of the Employee class to print the information associated
         with the Employee who has been with the company the longest (i.e., was hired earlier).