

Jun 8, 2022

Tutoring Day 1 & Day 2 Assessment

Java Fundamentals

Ms. Lewis

Create a simple Java application that displays the id, name and annual salary for two employees. Create a Java project name it Employee.

Create a class name it Employee.java, declare three instance variables, an integer, id, a String, name and a double, salary. Include a constructor with parameters for each instance variable and initialize each with incoming arguments (example: `this.name = name`). Also include getters/setters for each instance variable (remember the shortcut).

Create an abstract class name it EmployeeReport.java; it will contain one abstract method name it, `displayEmpData()` and one concrete method name it, `displayHeading()`. The `displayHeading()` method will display the company header, "ABC Engineering". (Remember the concrete method will contain your implementation here).

Okay - so what is the goal here... The goal is to allow the Employee class to inherit both methods from the abstract class. In the Employee class you'll customize the abstract method to display the employees id, name and salary. Call or invoke the `displayHeading()` method to display the company heading.

Finally, test, test, test

Create the application Java class, name it EmpApp.java, remember the main method. Create two Employee objects (two different object names) and provide different data, for id, name and salary. Test the functionality of the `displayEmpData()` method for each employee object.

Happy Coding !

Ms. Lewis

Export Employee project
Zip (Compress) the project
Submit via email to Omar Pina.

