OOP TASKS

Task - 01:

Create a class User with two vaeiables: Age and Name. Create an object of class User and set Name to your name and Age to your age. Then, output to the screen: "My name is {Name} and I'm {Age} years old." using object fields for Name and Age.

Task - 02:

Create a class called Employee that includes three pieces of information as variables—a first name, a last name and a monthly salary. If the monthly salary is not positive, set it to 0.0. Write a test application named EmployeeTest that demonstrates class Employee's capabilities. Create two Employee objects and display each object's yearly salary. Then give each Employee a 10% raise and display each Employee's yearly salary again. (Hint: you should create a seprate method to give raise to the employee).

Task - 03:

Create a class called Book to represent a book. A Book should include four pieces of information as variables - a book name, an ISBN number, an author name and a publisher. Provide methods (query method) for each instance variable. In addition, provide a method named getBookInfo that returns the description of the book as a String (the description should include all the information about the book). Write a test application named 'BookTest' to create an list of 5 Book class objects to demonstrate the class Book's capabilities.