Java Programing-I - Practical Exam Paper

Duration: 60 minutes | Total Marks: 15

Write a class Author with following features:

Instance variables :

- ✔ firstName for the author's first name of type String.
- ✔ lastName for the author's last name of type String.

Constructor:

- ✔ public Author (String firstName, String lastName): A constructor with parameters, it creates the Author object by setting the two fields to the passed values.

Instance methods:

- ✔ public void setFirstName (String firstName): Used to set the first name of author.
- ✔ public void setLastName (String lastName): Used to set the last name of author.
- ✔ public String getFirstName(): This method returns the first name of the author.
- ✔ public String getLastName(): This method returns the last name of the author.
- ✔ public String toString(): This method printed out author's name to the screen

Write a Java class Book with following features:

Instance variables :

- ✔ title for the title of book of type String.
- ✔ author for the author's name of type String.
- ✔ price for the book price of type double.

Constructor:

- ✔ public Book (String title, Author name, double price): A constructor with parameters, it creates the Author object by setting the the fields to the passed values.

Instance methods:

- ✔ public void setTitle(String title): Used to set the title of book.
- ✔ public void setAuthor(String author): Used to set the name of author of book.
- ✔ public void setPrice(double price): Used to set the price of book.
- ✔ public double getTitle(): This method returns the title of book.
- ✔ public double getAuthor(): This method returns the author's name of book.
- ✔ public String toString(): This method printed out book's details to the screen

Write a separate class BookDemo with a main() method creates a Book titled "Developing Java Software" with authors Russel Winderand price 79.75. Prints the Book's string representation to standard output (using System.out.println).

Marking:	
5.0	Create class *Author* and constructors, instance methods
7.0	Create class Book and constructors, instance methods
3.0	Write BookDemo class with main()
15.0	*Total Marks*