Assessment #01

Object-Orientated Programming

1. In one sentence each, explain the following:
	1. Object
	2. Class
	3. Attributes
	4. Methods
	5. Encapsulation
	6. Information Hiding
	7. Abstraction
	8. Composition
	9. Inheritance
	10. Polymorphism
2. Write a Java program to check if a number is odd or even.
3. Write a Java program to check if a number is prime.
4. Write a Java program to calculate a Fibonacci sequence.
5. Write a Jaca program to do a BubbleSort of an array.

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| e-mail me a completed solution in a Word document before 9th of Novembere-mail to Damian.X.Gordon@TUDublin.ie with subject heading “DT249 OOP Ass #01” |