Java Assignment 1

Chapter 1

1. Define the terms:
   - Class
   - Object
   - Encapsulation
   - Inheritance
   - Polymorphism
   - Data abstraction.
2. What is the advantage of inheritance?
3. State the purpose of the following java tools : javadoc, jdb, javap.
4. What are the types of comments in java?
5. Why is main declared static?
6. List the primitive datatypes in java?
7. What is the purpose of the new instance and new operator?
8. List and explain any 5 java buzzwords?
9. What is encapsulation? How does it achieve data hiding?
10. Explain how arrays are created in java?
11. Explain the process of executing a java program?
12. Explain final variable in java with an example?

Chapter 2

1. Explain the structure of defining a class in java
2. What is constructor? What are the rules for defining a constructor?
3. Explain the types of Constructor?
4. Explain the use of this keyword?
5. Explain the modifiers used in methods.
6. Write the syntax of defining a method with variable number of parameters. Give an example.
7. What are wrapper classes?
8. Write a note on packages. What are advantages of packages?
9. Write a short note on String Class and StringBuffer Class?
10. Write a note on Object class.