

Assignment – 1

Complete it on or before 11th August 2025

Answer all the questions in detail with examples.

1. Explain the history of Java programming language and the main characteristics of Java
2. Write the syntax of switch case structure.
3. Define different Object-Oriented Programming Concepts- (Objects and Classes, Encapsulation, Inheritance, Polymorphism) with simple examples.
4. Why multiple inheritance is not supported in Java?
5. Explain one- and two-dimensional array with example?
6. Explain JDK, Java Virtual Machine, Bytecode
7. Explain with example of different Conditional Statements
8. Explain with example of different Iteration Statements
9. Explain with example of different Jump Statements.
10. Explain different types of Type of Inheritance with syntax, example and figures.
11. Explain the structure of Java program?
12. Explain the use of nested loop with example.