

**Assignment - 3**

1. Define inheritance in Java. Describe the types.
2. Why multiple inheritance is not supported by java. How to preserve multiple inheritance in java?
3. Explain the use of super keyword.
4. Differentiate between overloading and overriding.
5. Differentiate between abstract class and interface.
6. What is package in java? How to access package from another package, give example.
7. What is Runtime polymorphism or dynamic method dispatch in java?
8. What is exception handling? Write the advantages of exception handling.
9. Differentiate between throw and throws.
10. Differentiate between final, finalize() and finally.