

Ramaiah Institute of Technology  
(Autonomous Institute, Affiliated to VTU)  
**Department of Computer Science & Engineering**

**Advanced Java Laboratory (CSL56)**

USN:

Week #: 04

Semester:

Section:

Date:

**Instructions:**

- **Implement the following programs using java language.**

**Programs:**

1. Write a java program that connects to a Customer (ID, Name, Type\_of\_Customer, Amount\_Spent) table using JDBC and perform the following.
  - i. Insert rows using PreparedStatement.
  - ii. Display details of all the Customer table.
  - iii. Demonstrate the details of the database by using DatabaseMetaData.
  - iv. Demonstrate the details of the ResultSet by using ResultSetMetaData.
2. Write a java program that connects to a Bank\_Account (Account\_No, Account\_Name, Type\_of\_Account, Balance) table using JDBC and perform the following.
  - i. Insert rows using PreparedStatement.
  - ii. Display details of all the Accounts.
  - iii. Demonstrate the Working of Rollback and Commit.
  - iv. Demonstrate the Working of SavePoints.

| EVALUATION                    |         |       |                   |
|-------------------------------|---------|-------|-------------------|
| Program                       | Remarks | Marks | Faculty Signature |
| Customer Database Program     |         |       |                   |
| Bank Account Database Program |         |       |                   |