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Ramaiah Institute of Technology

(Autonomous Institute, Affiliated to VTU)

**Department of Computer Science & Engineering**

**Advanced Java Programming Laboratory (CSL56)**

**USN: Week #: 02**

**Semester: Section: Date:**

**Programs:**

1. Write a java program to create **Books table** with fields like ID, BookTitle, Author, Publisher and Price. Create the table using **statement object** and Insert 5 rows. Your program should be able to do the following operations
2. Create a Scrollable ResulSet.
3. Display all the tuples.
4. Ask the user the display a particular book by reading the ID.
5. Display the Last tuple.
6. Write a java program to create **Employee table** with fields like ID, Name, Age and Salary. Insert the data to the table using **prepared statement**. Your program should be able to do the following operations
7. Create an Updatable ResulSet to update a Salary in the current row.
8. Move the Cursor to the 2nd row of ResulSet and update the name.
9. Insert a row with new values using insertRow().
10. Delete a row with ID = 10.
11. Write a java program to create **Smartphone table** with fields like ID, ModelName, Brand, Price and Year. Create two **stored procedures** and perform the following operations.
12. Insert 5 rows into the table.
13. Display all the details.
14. Write a Stored procedure to return price of the smartphone when the ID is passed.
15. Write a Stored procedure to insert a tuple.

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| **EVALUATION** | | | |
| **Program** | **Remarks** | **Marks** | **Faculty**  **Signature** |
| **Books Database** |  |  |  |
| **Employee Database** |  |  |  |
| **Stored Procedure** |  |  |  |