

**Advanced Java Programming Laboratory (CSL56)**

USN:

Week #: 02

Semester:

Section:

Date:

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**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
  - i. Create a Scrollable ResultSet.
  - ii. Display all the tuples.
  - iii. Ask the user the display a particular book by reading the ID.
  - iv. Display the Last tuple.
2. 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
  - i. Create an Updatable ResultSet to update a Salary in the current row.
  - ii. Move the Cursor to the 2nd row of ResultSet and update the name.
  - iii. Insert a row with new values using insertRow().
  - iv. Delete a row with ID = 10.
3. 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.
  - i. Insert 5 rows into the table.
  - ii. Display all the details.
  - iii. Write a Stored procedure to return price of the smartphone when the ID is passed.
  - iv. Write a Stored procedure to insert a tuple.



<b>EVALUATION</b>			
<b>Program</b>	<b>Remarks</b>	<b>Marks</b>	<b>Faculty Signature</b>
<b>Books Database</b>			
<b>Employee Database</b>			
<b>Stored Procedure</b>			