VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI-590014



A Report On "JAVA ACTIVITIES"

Submitted in partial fulfillment of the requirement in 6th Semester ADVANCED JAVA (BCS613D)

Department of Computer Science & Engineering

By

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BANGALORE- 560024
2024-2025

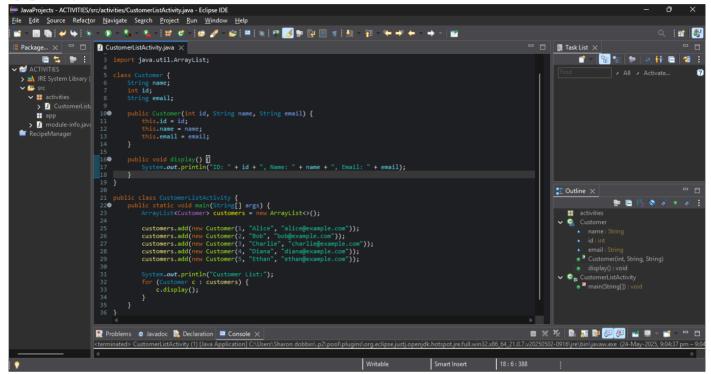
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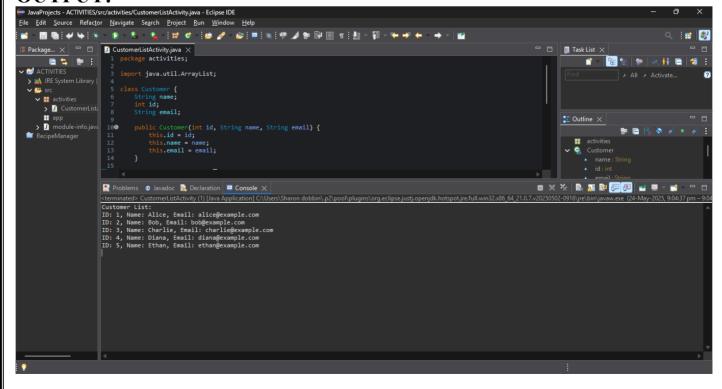
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ACTIVITY 1: CUSTOMER LIST

OBJECTIVE: Create a Class by name Customer, then add five objects of the Customer class into an Array List.

CODE:

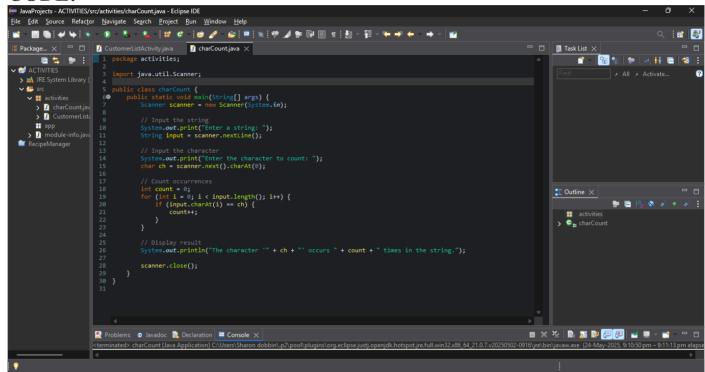


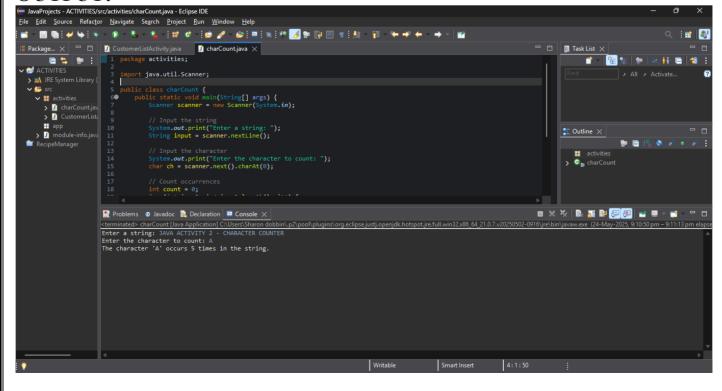


ACTIVITY 2: CHARACTER COUNT

OBJECTIVE: Write a program to find how many times a particular character occurs in a string.

CODE:





ACTIVITY 3: PALINDROME CHECK

OBJECTIVE: Write a program to find if a string is a palindrome.

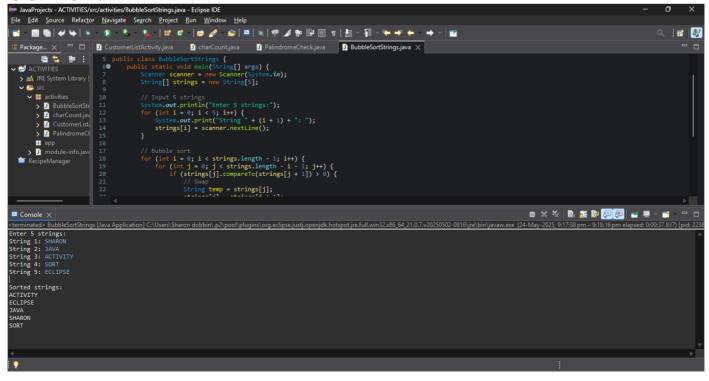
CODE:

ACTIVITY 4: BUBBLE SORT

OBJECTIVE: Write a program to sort five strings using bubble sort.

CODE:

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| BinomProjects -ACTIVITIES/ort/activities/PubbleSortDrings.jona - Eclipse IDE
| Declaration | Decla
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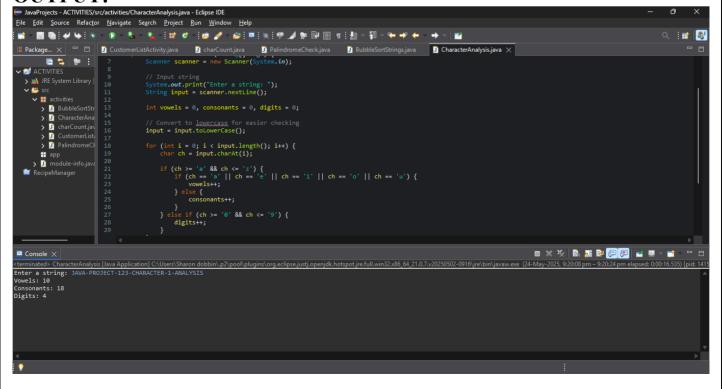


ACTIVITY 5: CHARACATER ANALYSIS

OBJECTIVE: Write a program to find the counts of vowels and consonants and digits in a string.

CODE:

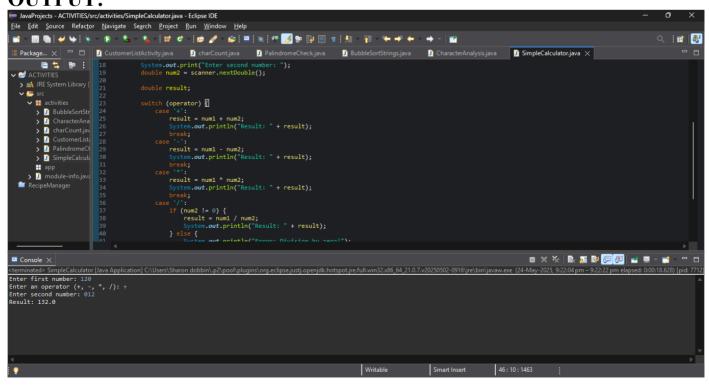
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ACTIVITY 6: SIMPLE CALCULATOR

OBJECTIVE: Write a program to create a simple calculator.

CODE:

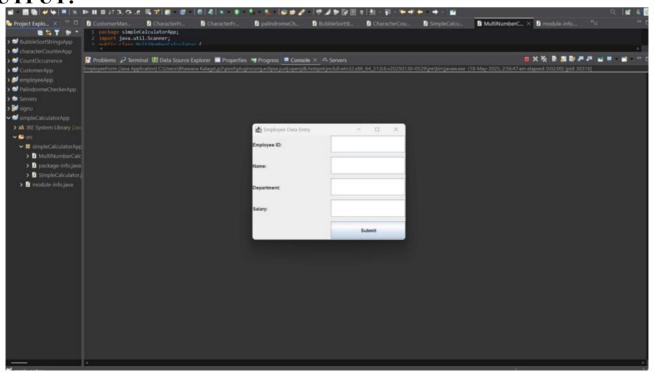


ACTIVITY 7: EMPLOYEE ENTRY

OBJECTIVE: Write a program to create a JFrame to insert the data into the employee table.

CODE:

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## Continued Con
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ACTIVITY 8: WEB APP

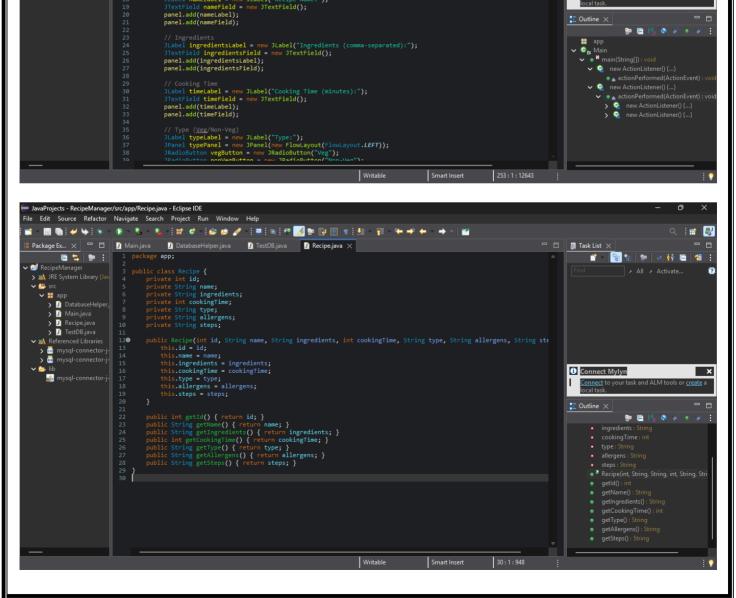
OBJECTIVE: Create a simple application to show the user of Servlets and

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ACTIVITY 8:

A: Create a simple application to cry to show the use of a database.

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/src/app/DatabaseHelper.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Run Window Help
B B
   ☐ DatabaseHelper.java × ☐ TestDB.java ☐ Recipe.java
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                ✓ III app
                                                                                                                 import java.util.ArrayList;
import java.util.List;
                       ⇒ app

> J DatabaseHelp

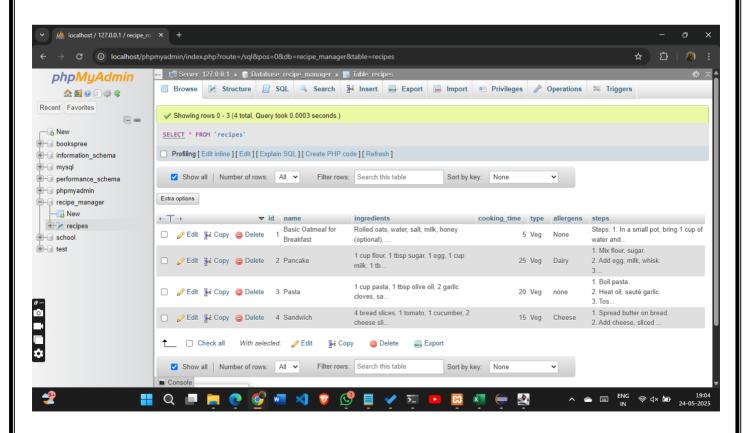
> J Main.java

> J Recipe.java

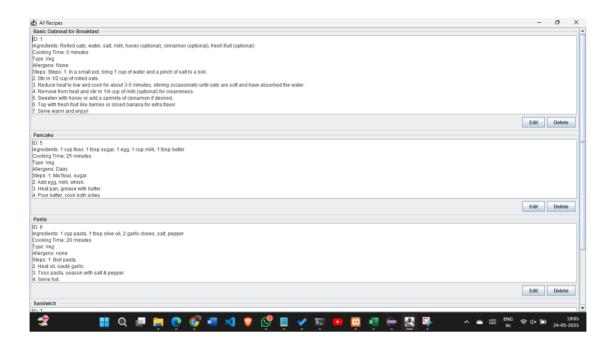
> J TestDB.java
             Referenced Libraries

mysql-connector-j-
mysql-connector-j-
                                                                                                                               public static Connection getConnection() throws SQLException {
    return DriverManager.getConnection(DB_URL, DB_USER, DB_PASSWORD);
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DatabaseHelper
JIF DB_URL: String
JIF DB_URL: String
JIF DB_USER: String
JIF DB_US
                                                                                                                                               try (Connection conn = getConnection();
    PreparedStatement pstmt = conn.prepare
    ResultSet rs = pstmt.executeQuery()) {
```

DATABASE:



VIEW RECIPE:



ADD RECIPE:

