Experiment 3.3

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Branch: CSE   **Section/Group:709A**

Semester: 3rd   **Date of Performance: 19/11/2021**

Subject Name:Java Program Lab   **Subject Code:20CSP-219**

1) Aim/Overview of the practical:

Write a program to insert values in a table at run time using JDBC.

2) Task to be done/ Which logistics used:

To write a program to insert values in a table at run time using JDBC.

3) Algorithm/Flowchart (For programming based labs):

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4) Steps for experiment/practical/Code:

```java
package com.company;

import java.sql.*;

public class tryingJDBC {

    public static void main(String[] args) {

        try(Connection conn = DriverManager.getConnection
                ( url: "jdbc:mysql://localhost:3306/Course_info", user: "root", password: "");
            Statement stmt = conn.createStatement())
        {

            System.out.println("Inserting records into the table...");
            String sql = "INSERT INTO Course_information VALUES (100, 'Rohan', 'Das','Java', 18)";
            stmt.executeUpdate(sql);
            sql = "INSERT INTO Course_information VALUES (101, 'Rahul', 'Kumar', 'Java' ,25)";
            stmt.executeUpdate(sql);
            sql = "INSERT INTO Course_information VALUES (102, 'Rajiv', 'Paul','Java', 20)";
            stmt.executeUpdate(sql);
            System.out.println("Inserted records into the table...");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}
```
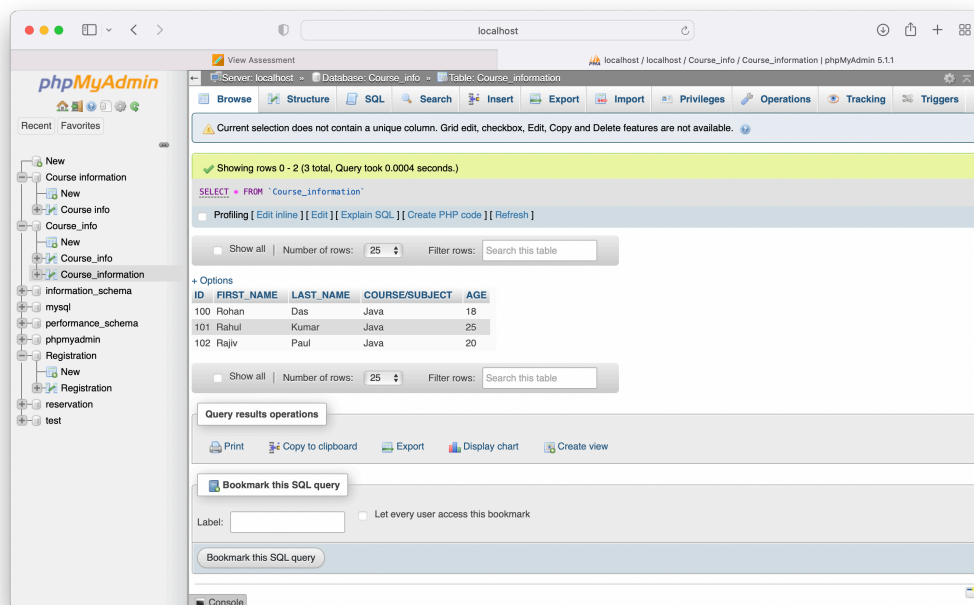
5. Observations/Discussions/ Complexity Analysis:

6. Result/Output/Writing Summary:

```
Inserting records into the table...
Inserted records into the table...
```

Data in the phpMyAdmin database:

Learning outcomes (What I have learnt):

1. Learnt about java programming language.

2. Learnt about inserting value in table at run time using JDBC.

3.

4.

5.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			