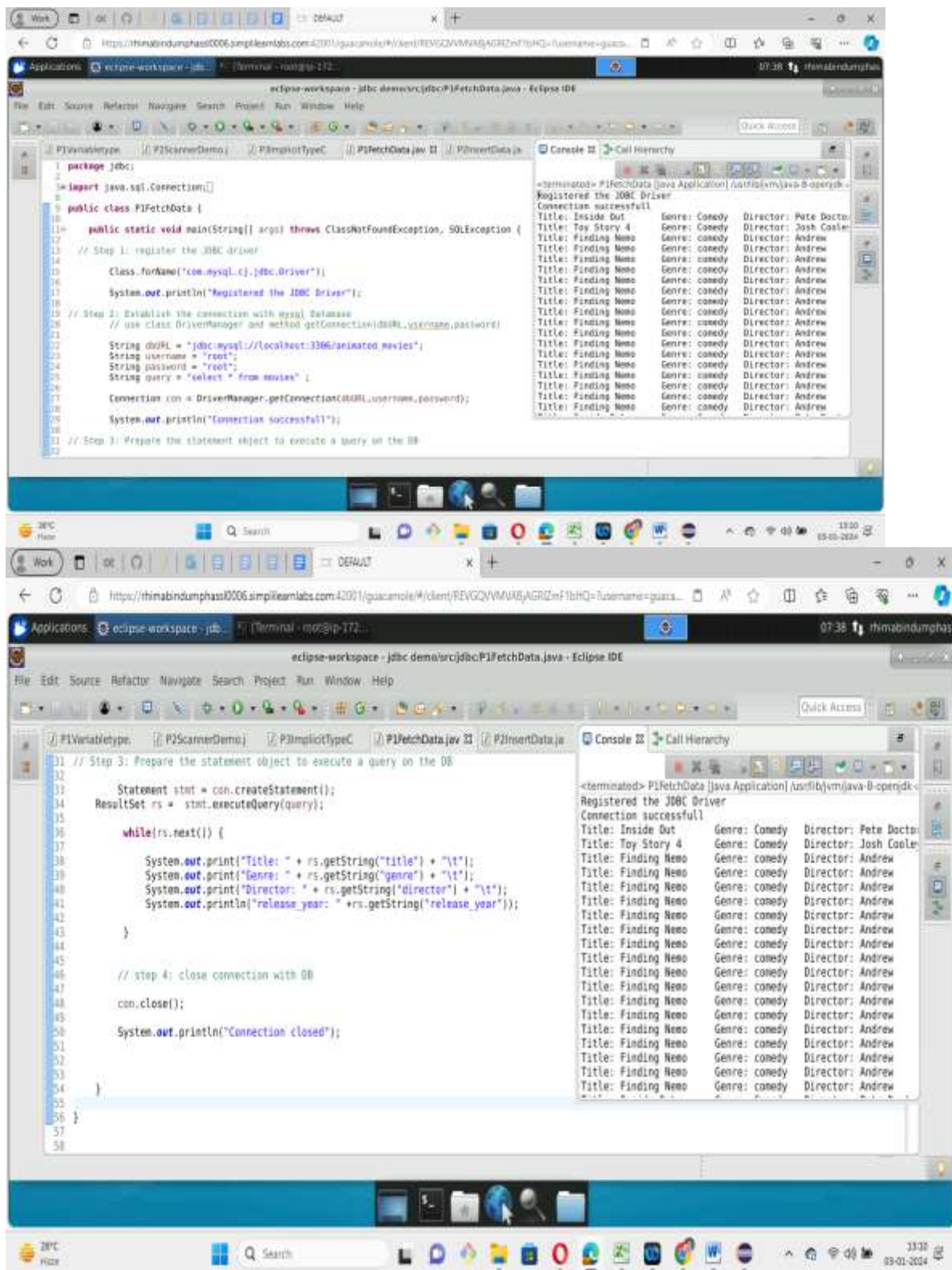
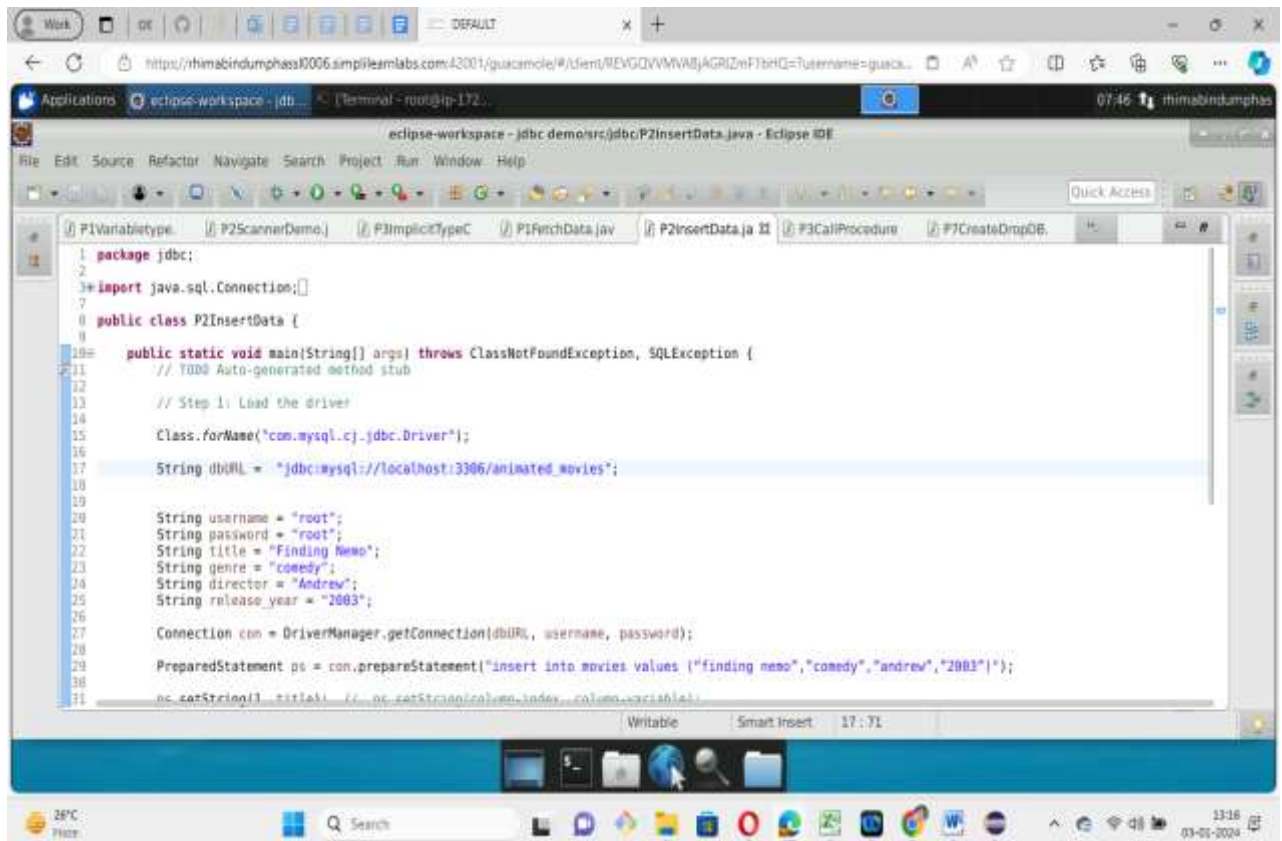


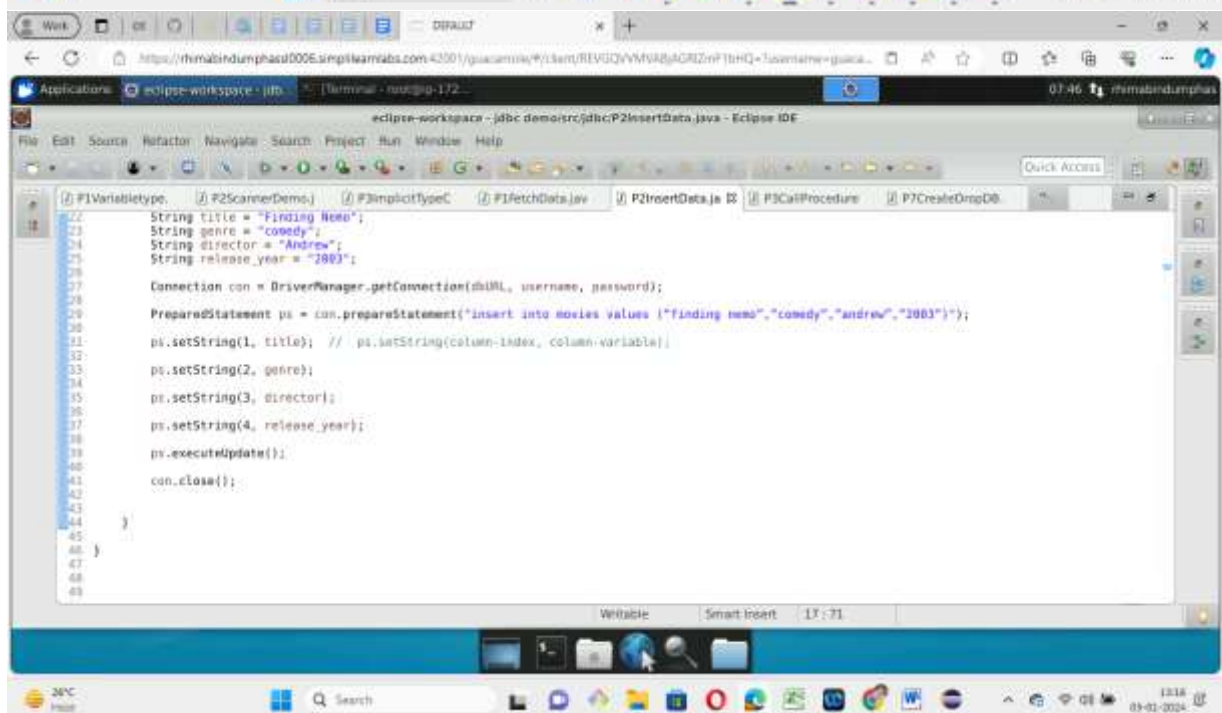
EMP:2587303

NAME:R.HIMABINDU

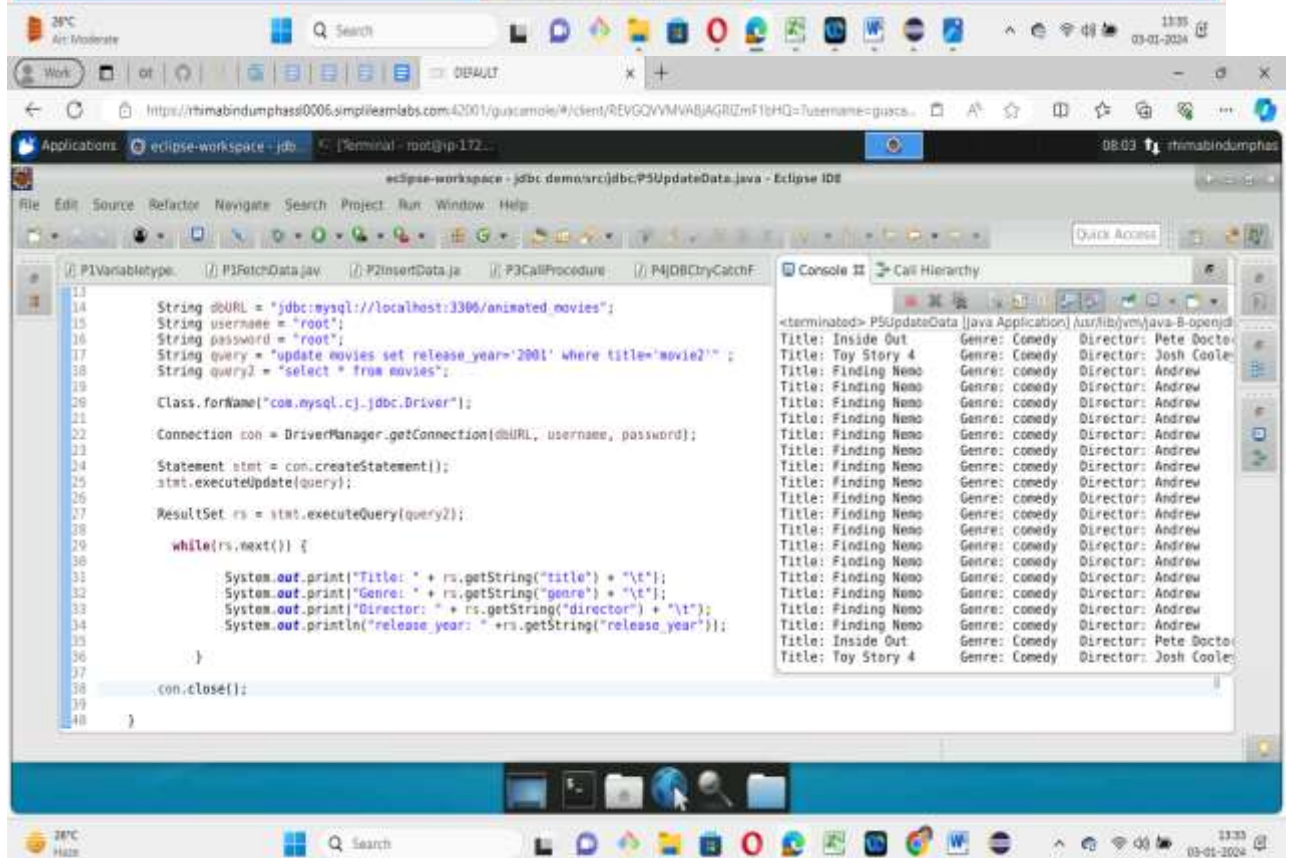




```
1 package jdbc;
2
3 import java.sql.Connection;
4
5 public class P2InsertData {
6
7     public static void main(String[] args) throws ClassNotFoundException, SQLException {
8         // TODO Auto-generated method stub
9
10        // Step 1: Load the driver
11
12        Class.forName("com.mysql.cj.jdbc.Driver");
13
14        String dbURL = "jdbc:mysql://localhost:3306/animated_movies";
15
16        String username = "root";
17        String password = "root";
18        String title = "Finding Nemo";
19        String genre = "comedy";
20        String director = "Andrew";
21        String release_year = "2003";
22
23        Connection con = DriverManager.getConnection(dbURL, username, password);
24
25        PreparedStatement ps = con.prepareStatement("insert into movies values ('finding nemo','comedy','andrew','2003')");
26
27        ps.setString(1, title); // ps.setString(column-index, column-variable);
28    }
29 }
```



```
22 String title = "Finding Nemo";
23 String genre = "comedy";
24 String director = "Andrew";
25 String release_year = "2003";
26
27 Connection con = DriverManager.getConnection(dbURL, username, password);
28
29 PreparedStatement ps = con.prepareStatement("insert into movies values ('finding nemo','comedy','andrew','2003')");
30
31 ps.setString(1, title); // ps.setString(column-index, column-variable);
32
33 ps.setString(2, genre);
34
35 ps.setString(3, director);
36
37 ps.setString(4, release_year);
38
39 ps.executeUpdate();
40
41 con.close();
42
43 }
44
45 }
46
47
48
49 }
```

Work

https://rhinabindumphass0006.simplilearnlabs.com/42001/guacamole/#/client/REVGQVVMVABjAGRIZmF1bHQ=?username=guaca...

Applications eclipse-workspace - jdbc... [Terminal - root@ip-172...

eclipse-workspace - jdbc demo/src/jdbc/TransactionDemo.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

P8Parametrizati P2InsertData.java P4JDBCtryCatchF P5UpdateData.java P6DeleteData.java P7CreateDropDB TransactionDemo

```
1 package jdbc;
2
3 import java.sql.Connection;
4
5 public class TransactionDemo {
6
7     public static void main(String[] args) throws ClassNotFoundException, SQLException {
8
9         String dbURL = "jdbc:mysql://localhost:3306/animated_movies";
10         String username = "root";
11         String password = "root";
12         String query1 = "update movies set release_year='2003' where title='movie1'";
13         String query2 = "update movies set release_year='2001' where title='Toy Story 4'";
14         // give a query that gives output as 0
15         String query3 = "update movies set release_year='2015' where title = 'Inside Out'";
16         boolean flag = false;
17
18         Class.forName("com.mysql.cj.jdbc.Driver");
19
20         Connection con = DriverManager.getConnection(dbURL, username, password);
21
22         con.setAutoCommit(false);
23         Statement stmt = con.createStatement();
24         stmt.addBatch(query1);
25         stmt.addBatch(query2);
26         stmt.addBatch(query3);
27
28         int [] result = stmt.executeBatch();
29
30     }
```

Writable Smart Insert 8 / 19

26°C Haze

Search

18:41 09-01-2024

Work

https://rhinabindumphass0006.simplilearnlabs.com/42001/guacamole/#/client/REVGQVVMVABjAGRIZmF1bHQ=?username=guaca...

Applications eclipse-workspace - jdbc... [Terminal - root@ip-172...

eclipse-workspace - jdbc demo/src/jdbc/TransactionDemo.java - Eclipse IDE

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P8Parametrizati P2InsertData.java P4JDBCtryCatchF P5UpdateData.java P6DeleteData.java

```
29 stmt.addBatch(query3);
30
31 int [] result = stmt.executeBatch();
32
33 // create a loop to iterate over each integer store in the array result
34
35 for(int i=0; i<result.length;i++)
36 {
37     System.out.println(result[i]);
38     if(result[i] == 0) // if any index is storing the vlaue ==0
39     {
40         flag = true;
41         break;
42     }
43 }
44
45 if(flag == false) {
46     con.commit();
47     System.out.println("transaction Complete");
48 }
49 else {
50     // if flag == true
51     con.rollback();
52     System.out.println("transaction Failure");
53 }
54
55 }
```

Console

Call Hierarchy

<terminated> TransactionDemo [Java Application] /usr/lib/...
transaction Failure

26°C Haze

Search