



eclipse-workspace - JavaProject/src/jdbcpractices/JdbcFinal.java - Eclipse IDE

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```
1 package jdbcpractices;
2 import java.sql.*;
3
4 public class JdbcFinal {
5
6     public static void main(String[] args) throws Exception {
7
8         Class.forName("com.mysql.cj.jdbc.Driver");
9         Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Learn","Karthick","611718104023");
10        Statement stmt =con.createStatement();
11        ResultSet rs=stmt.executeQuery("select * from products where product_id=5");
12
13
14        while (rs.next()) {
15            String r=rs.getString(1) +"\t"+rs.getString(2) +"\t"+rs.getString(3)+"\t"+ rs.getString(4) +"\t"+r;
16            System.out.println(r);
17        }
18        con.close();
19    }
20 }
21
22
23
```

Problems Javadoc Declaration Console Progress

<terminated> JdbcFinal [Java Application] C:\Users\karth\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_20.0.2.v20230801-2057\jre\bin\javaw.exe (25-Sept-2023 14:26)

5	Apple MacBook Air M2	A thin and light MacBook with a powerful M2 chip.	999.99	50	2023-09-25 13
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eclipse-workspace - JavaProject/src/jdbcpractices/Proceduredb.java - Eclipse IDE

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```
1 package jdbcpractices;
2
3 import java.sql.*;
4
5 public class Proceduredb {
6
7     // use learn;
8     // delimiter @
9     create procedure sl()
10    // begin
11    // select * from animation_movies;
12    // end@
13    // delimiter ;
14
15    public static void main(String[] args) throws Exception {
16        Class.forName("com.mysql.cj.jdbc.Driver");
17        Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Learn","Karthick","611718104023");
18        Statement stmt=con.createStatement();
19        ResultSet rs=stmt.executeQuery("call sl");
20        while (rs.next()) {
21            String r=rs.getString("id") +"\t"+rs.getString("title") +"\t"+rs.getString("release_date")+"\t"+ r;
22            System.out.println(r);
23        }
24        con.close();
25    }
26
27 }
```

Problems Javadoc Declaration Console Progress

<terminated> JdbcFinal [Java Application] C:\Users\karth\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_20.0.2.v20230801-2057\jre\bin\javaw.exe (25-Sept-2023 14:27)

5	Apple MacBook Air M2	A thin and light MacBook with a powerful M2 chip.	999.99	50	2023-09-25 13
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eclipse-workspace - JavaProject/src/jdbcpractices/Selectdb.java - Eclipse IDE

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```
1 package jdbcpractices;
2 import java.sql.*;
3 public class Selectdb {
4
5     public static void main(String[] args) throws Exception {
6
7         Class.forName("com.mysql.cj.jdbc.Driver");
8         Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Learn","Karthick","611718104");
9         Statement stmt =con.createStatement();
10        ResultSet rs=stmt.executeQuery("select * from animation_movies");
11
12        while (rs.next()) {
13            String r=rs.getString("id") + "\t"+rs.getString("title") + "\t"+rs.getString("release_date")+"\t"
14            System.out.println(r);
15        }
16        con.close();
17    }
18 }
19 }
20 }
```

Problems Javadoc Declaration Console x Progress

<terminated> jdbcFinal [Java Application] C:\Users\karth\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_20.0.2.v20230801-2057\jre\bin\javaw.exe (25-Sept-2023 14:27:25)

5 Apple MacBook Air M2 A thin and light MacBook with a powerful M2 chip. 999.99 50 2023-09-25 13

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eclipse-workspace - JavaProject/src/jdbcpractices/Transactiondb.java - Eclipse IDE

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```
1 package jdbcpractices;
2 import java.sql.*;
3 public class Transactiondb {
4
5     public static void main(String[] args) throws Exception{
6
7         Class.forName("com.mysql.cj.jdbc.Driver");
8         String query1 = "insert into Learn.animation_movies values (45,'BABY','2003-05-30','Andrew Stanton','U studio')";
9         String query2 = "delete from Learn.animation_movies where id=5";
10        String query3 = "update animation_movies set id=49";
11        boolean flag = false;
12        Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Learn","Karthick","611718104023");
13        Statement stmt = con.createStatement();
14        con.setAutoCommit(false);
15        stmt.addBatch(query1);
16        stmt.addBatch(query2);
17        stmt.addBatch(query3);
18
19        int [] result = stmt.executeBatch();
20
21        for(int i =0; i<result.length;i++)
22        {
23            System.out.println(result[i]);
24            if(result[i]==0) {
25                flag = true;
26                break;
27            }
28        }
29
30        if(flag==false) {
31            con.commit();
32            System.out.println("transaction successful");
33        }
34        else {
35            con.rollback();
36            System.out.println("transaction Failure");
37        }
38        con.close();
39    }
40 }
41 }
42 }
43 }
```

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