

## Database Connection -Assignment -2:

### TASK:

To Select and Insert a element from the database using query in Java Coding and retrieve the data.

### CODING:

```
import java.sql.*;

public class Main {
    public static void main(String[] args) throws ClassNotFoundException,
    SQLException{
        insertQuery();
        selectQuery();
    }

    static void insertQuery() throws ClassNotFoundException, SQLException
    {
        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/Marks", "root",
        "M");

        //System.out.println("Connected");
        Statement s = con.createStatement();
        //System.out.println("Statement Object Created");

        int n= s.executeUpdate("insert into look
        values ('Work', 'Harish', 'Zogo', 2003, 23233);");

        //while(rs.next()){
            System.out.println("Value Inserted..!");
        //}

    }

    static void selectQuery() throws ClassNotFoundException, SQLException
    {
        Class.forName("com.mysql.cj.jdbc.Driver");
        System.out.println("Driver class Loaded");
    }
}
```

```

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Marks", "root",
"M");

        System.out.println("Connected");
        Statement s = con.createStatement();
        System.out.println("Statement Object Created");

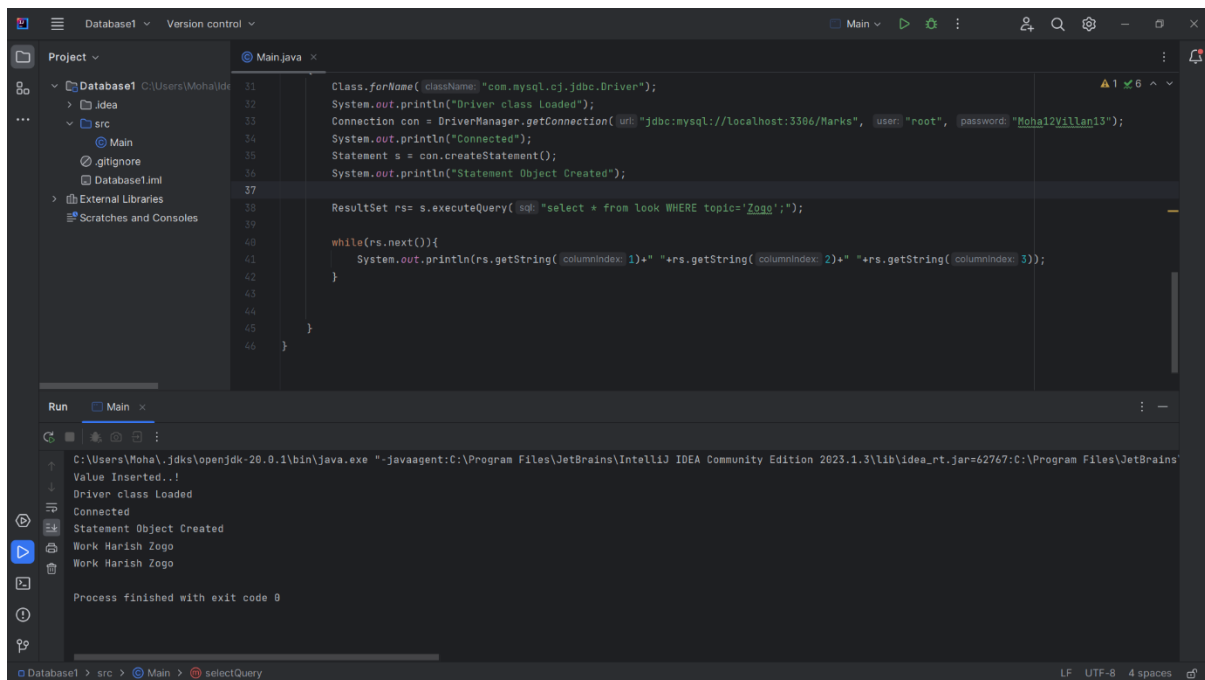
        ResultSet rs= s.executeQuery("select * from look WHERE
topic='Zogo'");

        while(rs.next()){
            System.out.println(rs.getString(1)+" "+rs.getString(2)+"
"+rs.getString(3));
        }

    }
}

```

## Output of the Code:



The screenshot shows an IDE with a project named 'Database1'. The main file 'Main.java' contains the following code:

```

31 Class.forName( className: "com.mysql.cj.jdbc.Driver");
32 System.out.println("Driver class Loaded");
33 Connection con = DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/Marks", user: "root", password: "Mohal2Villan13");
34 System.out.println("Connected");
35 Statement s = con.createStatement();
36 System.out.println("Statement Object Created");
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```

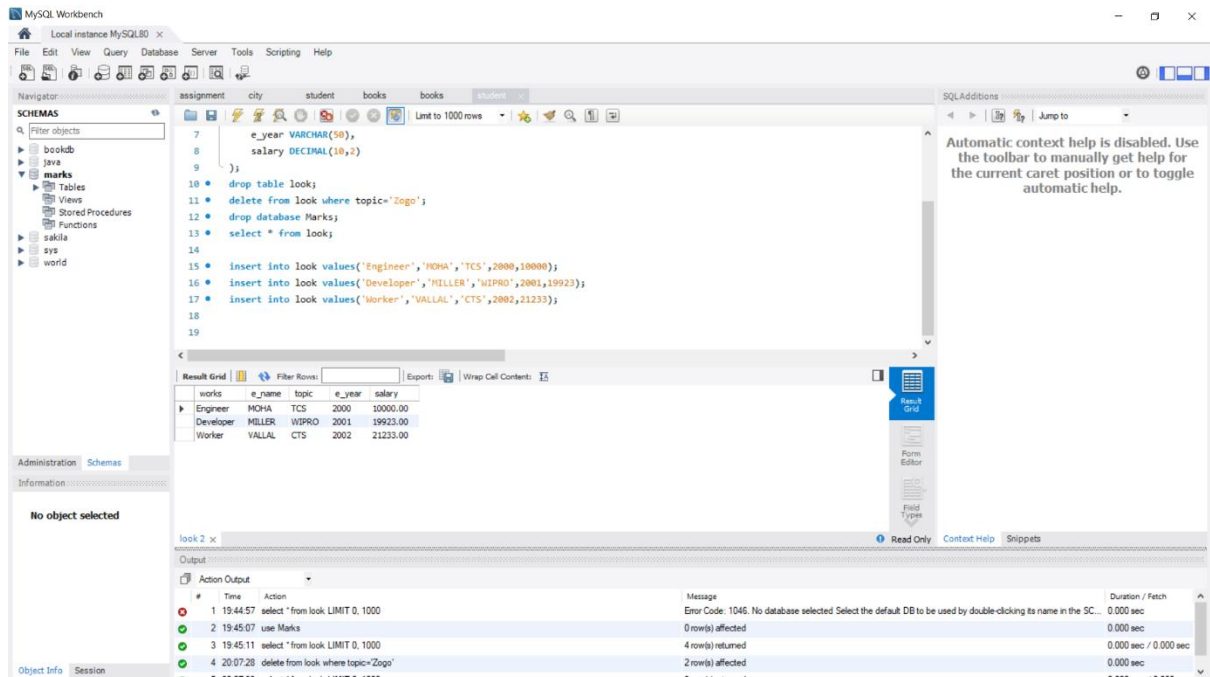
The code is executed, and the output is shown in the 'Run' console:

```

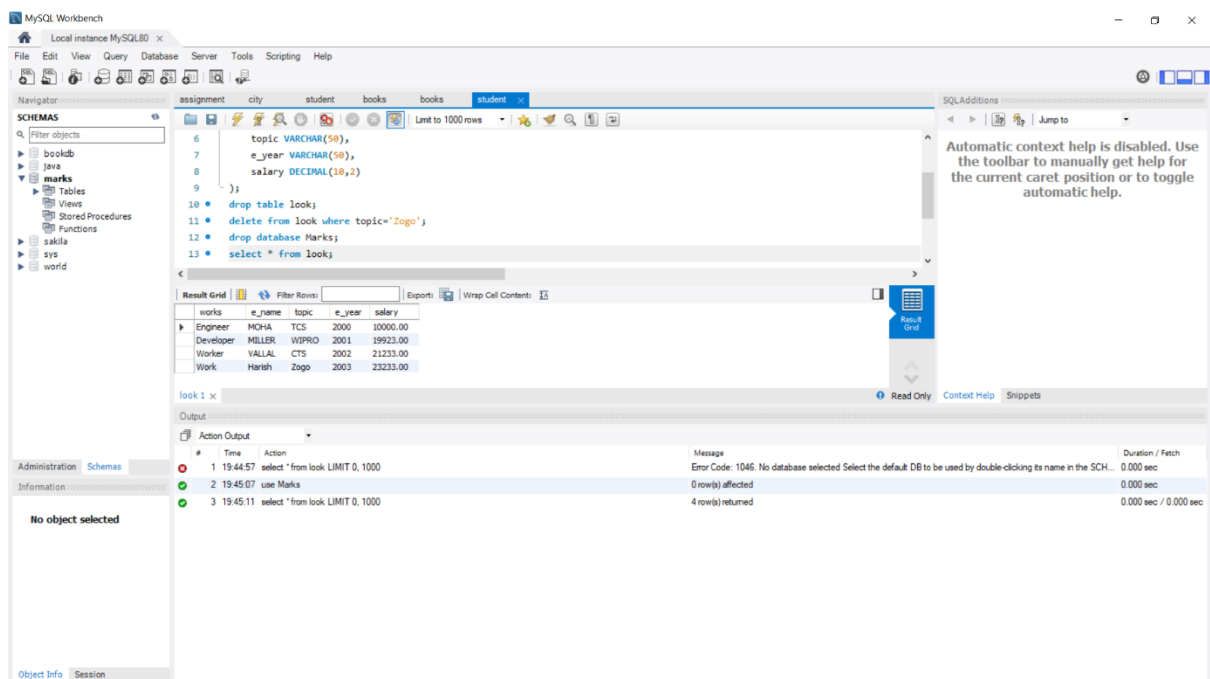
C:\Users\Moha\.jdk\openjdk-20.0.1\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.1.3\lib\idea_rt.jar=62767:C:\Program Files\JetBrains
Value Inserted..!
Driver class Loaded
Connected
Statement Object Created
Work Harish Zogo
Work Harish Zogo
Process finished with exit code 0

```

Before the insertion of new elements:



After the Insertion:



Github Link :

<https://github.com/MohanaSabari/Mysql/blob/main/sqlcon.java>