# MODERN APPLICATION DEVELOPMENT

# (JAVA SPRING BOOT)

# ASSIGNMENT-3

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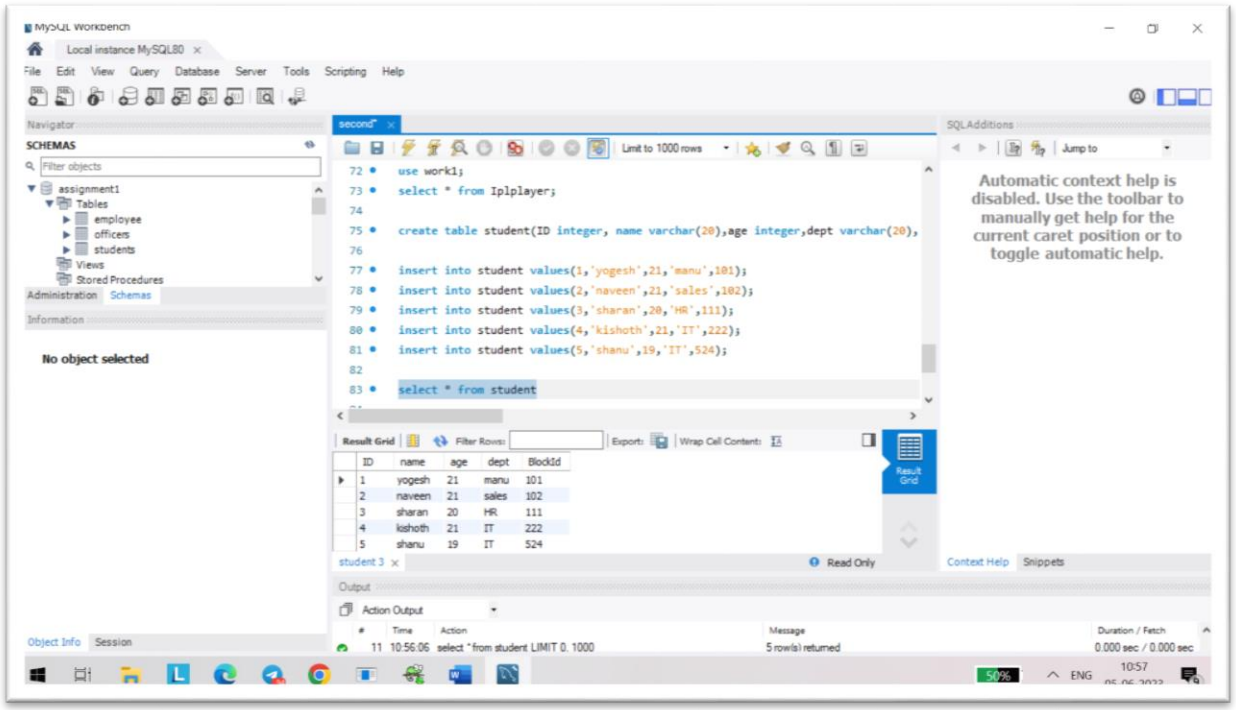
## GOOGLE DRIVE LINK:

https://drive.google.com/drive/folders/1jdOv85_N6lcQiOgwYxQP9FtPJo-JFmQX?usp=share_link

# 1.IMPLEMENT JDBC CONNECTIVITY USING JAVA

## In Mysql:




## JAVE CODE:

```
import java.sql.*;
public class Main {

    public static void main(String[] args)
    {
        // variables
```

```
        Connection connection = null;
        Statement statement = null;
        ResultSet resultSet = null;

// Step 1: Loading or
// registering MySQL JDBC driver class
        try {
            Class.forName("com.mysql.jdbc.Driver");
        }
        catch(ClassNotFoundException cnfex) {
            System.out.println("Problem in"
                    + " loading MySQL JDBC driver");
            cnfex.printStackTrace();
        }

// Step 2: Opening database connection
        try {
            // Step 2.A: Create and
// get connection using DriverManager class
            connection = DriverManager.getConnection(
                    "jdbc:mysql://localhost:3306/world",
                    "root",
                    "sairam");
// Step 3: Creating JDBC Statement
            statement = connection.createStatement();
// Step 4: Executing SQL and
// retrieve data into ResultSet
            resultSet = statement.executeQuery("select * from
student");
            System.out.println("Pid\tName\tAge\tTeam Salary");
            System.out.println("==\t======\t==\t==== =====");
// processing returned data and printing into console
            while(resultSet.next()) {
                System.out.println(resultSet.getInt(1) + "\t"
+
                        resultSet.getString(2) + "\t" +
                        resultSet.getInt(3) + "\t" +
                        resultSet.getString(4) + "\t" +
                        resultSet.getInt(5));

            }
        }
        catch(SQLException sqlex){
            sqlex.printStackTrace();
        }
        finally {

// Step 5: Closing database connection
            try {
                if(null != connection) {
```

```
                    // cleanup resources, once after processing
                                resultSet.close();
                                statement.close();

                    // and then finally close connection
                                connection.close();
                            }
                        }
                        catch (SQLException sqlex) {
                            sqlex.printStackTrace();
                        }
                    }
                }
            }
```

# OUTPUT SCREENSHOTS: