package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class Ex1 {

public static void main(String[] args) throws Exception {

String uname="root";

String pass="";

String url= "jdbc:mysql://localhost:3306/ex1";

String querystat= "select Sname from student where ID=2 ";

Class.forName("com.mysql.jdbc.Driver");

Connection con= DriverManager.getConnection(url, uname, pass);

Statement stat= con.createStatement();

ResultSet rs= stat.executeQuery(querystat);

rs.next();

String name= rs.getString("Sname");

System.out.println(name);

stat.close();

con.close();

}

}

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class JDBC2 {

public static void main(String[] args) throws Exception {

String uname= "root";

String pass= "";

String url= "jdbc:mysql://localhost:3306/ex1";

String querystat= "select \* from student";

Class.forName("com.mysql.jdbc.Driver");

Connection con= DriverManager.getConnection(url, uname, pass);

Statement stat= con.createStatement();

ResultSet rs= stat.executeQuery(querystat);

while(rs.next()) {

String userData= rs.getInt(1)+" "+rs.getString(2);

System.out.println(userData);

}

stat.close();

con.close();

}

}

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.Statement;

public class JDBC3 {

public static void main(String[] args) throws Exception {

String uname="";

String pass="";

String url= "jdbc:mysql://localhost:3306/ex1";

String querystat= "insert into student values (7, 'Sara')";

Class.forName("com.mysql.jdbc.Driver");

Connection con= DriverManager.getConnection(url, "root", "");

Statement stat= con.createStatement();

stat.executeUpdate(querystat);

stat.close();

con.close();

}

}

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.Scanner;

public class JDBC4 {

public static void main(String[] args) throws Exception {

String url= "jdbc:mysql://localhost:3306/ex1";

String uname= "root";

String pass= "";

Scanner sc= new Scanner(System.in);

int userid= sc.nextInt();

String username= sc.next();

String query= "insert into student values ("+userid+",'"+username +"')";

Class.forName("com.mysql.jdbc.Driver");

Connection con= DriverManager.getConnection(url, uname, pass);

Statement stat= con.createStatement();

stat.execute(query);

System.out.println("rows/s affected");

stat.close();

con.close();

}

}

**public** **class** JDBC5 {

**public** **static** **void** main(String[] args) **throws** Exception {

String url= "jdbc:mysql://localhost:3306/ex1";

String uname= "root";

String pass= "";

Scanner sc= **new** Scanner(System.***in***);

**int** userid= sc.nextInt();

String username= sc.next();

String email= sc.next();

**int** score= sc.nextInt();

String query= "insert into student values (?,?,?,?)";

Class.*forName*("com.mysql.jdbc.Driver");

Connection con= DriverManager.*getConnection*(url, uname, pass);

PreparedStatement stat= con.prepareStatement(query);

stat.setInt(1, userid);

stat.setString(2, username);

stat.setString(3, email);

stat.setInt(4, score);

stat.executeUpdate();

System.***out***.println("row/s affected");

stat.close();

con.close();

}

}

**public** **class** Deleting {

**public** **static** **void** main(String[] args) **throws** Exception {

String url= "jdbc:mysql://localhost:3306/ex1";

String uname= "root";

String pass= "";

String q2= "delete from student where id=1";

Class.*forName*("com.mysql.jdbc.Driver");

Connection con= DriverManager.*getConnection*(url, uname, pass);

PreparedStatement stat= con.prepareStatement(q2);

stat.executeUpdate();

System.***out***.println("row/s affected");

stat.close();

con.close();

}

}

**public** **class** Insert {

**public** **static** **void** main(String[] args) **throws** Exception {

String url= "jdbc:mysql://localhost:3306/ex1";

String uname= "root";

String pass= "";

Scanner sc= **new** Scanner(System.***in***);

**int** userid= sc.nextInt();

String username= sc.next();

String email= sc.next();

**double** score= sc.nextInt();

// int year= sc.nextInt();

Date dob= Date.*valueOf*(LocalDate.*now*());

String query= "insert into student values (?,?,?,?,?,?)";

Class.*forName*("com.mysql.jdbc.Driver");

Connection con= DriverManager.*getConnection*(url, uname, pass);

PreparedStatement stat= con.prepareStatement(query);

InputStream in = **new** FileInputStream("E:\\images\\dog.jpg");

stat.setInt(1, userid);

stat.setString(2, username);

stat.setString(3, email);

stat.setDouble(4, score);

stat.setBlob(5, in);

stat.setDate(6, dob);

stat.executeUpdate();

System.***out***.println("row/s affected");

stat.close();

con.close();

}

}

**public** **class** Updating {

**public** **static** **void** main(String[] args) **throws** Exception {

String url= "jdbc:mysql://localhost:3306/ex1";

String uname= "root";

String pass= "";

Scanner sc= **new** Scanner(System.***in***);

String email= sc.next();

**double** score= sc.nextDouble();

**int** userid= sc.nextInt();

String query= "UPDATE student SET email = ?, score = ? WHERE Id = ?";

Class.*forName*("com.mysql.jdbc.Driver");

Connection con= DriverManager.*getConnection*(url, uname, pass);

PreparedStatement stat= con.prepareStatement(query);

stat.setString(1, email);

stat.setDouble(2, score);

stat.setInt(3, userid);

stat.executeUpdate();

System.***out***.println("row/s affected");

stat.close();

con.close();

}

}