**JAVA PRACTICAL**

SET[B]

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**COURSE – B.S.C IT 4th sem**

**SUBJECT – JAVA PROGRAMMING LAB \*/**

**SOURCE CODE –**

**import java.sql.\*;**

**import java.util.\*;**

**public class App {**

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

**try {**

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

**String url = "jdbc:mysql://localhost:3306/db";**

**String user = "root";**

**String password = "root";**

**Connection con = DriverManager.getConnection(url, user, password);**

**Statement st = con.createStatement();**

**String edge = " drop table STUDENT";**

**st.executeUpdate(edge);**

**String sql = "CREATE TABLE STUDENT " + "(name Varchar(255) not NULL, " + " Rollno INTEGER, "**

**+ " percentage DOUBLE ) ";**

**st.executeUpdate(sql);**

**System.out.println("Table created successfully");**

**Boolean exit = true;**

**while (exit == true) {**

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

**System.out.print("Enter name ");**

**String name = sc.nextLine();**

**System.out.print("Enter Rollno ");**

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

**if (rollno > 63)**

**throw new Exception("Roll out of bounds");**

**System.out.print("Enter percentage ");**

**Double percentage = sc.nextDouble();**

**String command = "INSERT INTO STUDENT VALUES " + "(" + "'" + name + "'" + "," + rollno + " , "**

**+ percentage + "); ";**

**st.executeUpdate(command);**

**System.out.println("Query succeeded");**

**}**

**} catch (SQLException s) {**

**s.printStackTrace();**

**} catch (ClassNotFoundException c) {**

**c.printStackTrace();**

**} catch (Exception e) {**

**e.printStackTrace();**

**}**

**}**

**}**