File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

main1.java

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.sql.PreparedStatement;

public class main1 {
    public main1()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/student";
            Connection conn = DriverManager.getConnection(url,user,pass);

            PreparedStatement stmt=conn.prepareStatement("insert into student values(?,?,?)");
            stmt.setInt(1,1);
            stmt.setString(2,"Suraj Tapkir");
            stmt.setString(3,"Karjat");

            int i=stmt.executeUpdate();
            System.out.println(i+" records inserted");
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new main1();
    }
}
```

Java source file   length : 981   lines : 36   Ln : 20   Col : 30   Pos : 637   Windows (CR LF)   UTF-8   INS
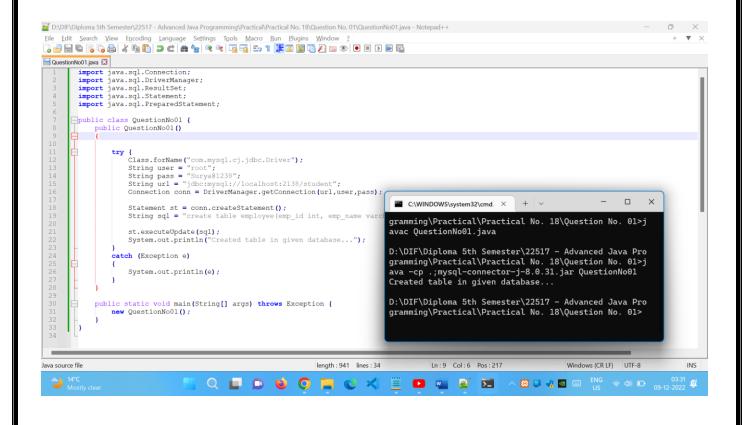
C:\WINDOWS\system32\cmd.

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\
Practical\Practical No. 18\Main 1>javac main1.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\
Practical\Practical No. 18\Main 1>java -cp mysql-connector-j-8
.0.31.jar; main1
1 records inserted

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\
Practical\Practical No. 18\Main 1>
```

MySQL 8.0 Command Line Cli

```
mysql> create database student;
Query OK, 1 row affected (0.02 sec)

mysql> use student;
Database changed
mysql> create table student(id int, name varchar(20), address varchar(20))
;
Query OK, 0 rows affected (0.05 sec)

mysql> select * from student;
+-------+--------------+----------+
| id    | name         | address  |
+-------+--------------+----------+
|     1 | Suraj Tapkir | Karjat   |
+-------+--------------+----------+
1 row in set (0.01 sec)

mysql>
```

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.sql.PreparedStatement;

public class QuestionNo01 {
    public QuestionNo01()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/student";
            Connection conn = DriverManager.getConnection(url,user,pass);

            Statement st = conn.createStatement();
            String sql = "create table employee(emp_id int, emp_name varch

            st.executeUpdate(sql);
            System.out.println("Created table in given database...");
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new QuestionNo01();
    }
}
```

Command prompt output:

```
gramming\Practical\Practical No. 18\Question No. 01>j
avac QuestionNo01.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Pro
gramming\Practical\Practical No. 18\Question No. 01>j
ava -cp .;mysql-connector-j-8.0.31.jar QuestionNo01
Created table in given database...

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Pro
gramming\Practical\Practical No. 18\Question No. 01>
```

Status bar: Java source file | length : 941 lines : 34 | Ln : 9 Col : 6 Pos : 217 | Windows (CR LF) | UTF-8 | INS

```java
import java.sql.Statement;
import java.sql.PreparedStatement;

public class QuestionNo02 {
    public QuestionNo02()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/suraj";
            Connection conn = DriverManager.getConnection(url,user,pass);
            String q = "select roll_no,name from student where marks > 70;";

            Statement s = conn.createStatement();

            ResultSet rs = s.executeQuery(q);
            while(rs.next())
            {
                int roll_no = rs.getInt(1);
                String name = rs.getString(2);
                System.out.println("ID: " + roll_no + " " + "Name: " + name);
            }
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new QuestionNo02();
    }
}
```

Command prompt output:

```
stion No. 02>javac QuestionNo02.java

D:\DIF\Diploma 5th Semester\22517 - Advanced J
ava Programming\Practical\Practical No. 18\Que
stion No. 02>java -cp .;mysql-connector-j-8.0.
31.jar QuestionNo02
ID: 1 Name: Suraj Tapkir
ID: 2 Name: Prashant Jadhav

D:\DIF\Diploma 5th Semester\22517 - Advanced J
ava Programming\Practical\Practical No. 18\Que
stion No. 02>
```

Status bar: Java source file | length : 1,054 lines : 39 | Ln : 17 Col : 39 Pos : 535 | Windows (CR LF) | UTF-8 | INS

```java
import java.sql.*;

public class Main2 {
    public Main2()
    {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/abc";
            Connection conn = DriverManager.getConnection(url,user,pass);

            PreparedStatement stmt = conn.prepareStatement("insert into student values(?,?,?)");
            stmt.setInt(1,101);
            stmt.setString(2,"Abhishek");
            stmt.setString(3,"Yadav");

            int i = stmt.executeUpdate();
            System.out.println(i + " records inserted");
            conn.close();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new Main2();
    }
}
```

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Pr
ogramming\Practical\Practical No. 19\Main 2>java -cp
 .;mysql-connector-j-8.0.31.jar Main2
1 records inserted

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Pr
ogramming\Practical\Practical No. 19\Main 2>
```

```java
import java.sql.*;

public class Main1 {
    public Main1()
    {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/MSBTE";
            Connection conn = DriverManager.getConnection(url,user,pass);
            String q = "update student set name = 'Prashant Jadhav' where id = 1;";
            Statement st = conn.createStatement();

            int i = st.executeUpdate(q);
            System.out.println(i + " records Updated");
            conn.close();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new Main1();
    }
}
```

```
rogramming\Practical\Practical No. 19\Main 1>javac
Main1.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java P
rogramming\Practical\Practical No. 19\Main 1>java -
cp .;mysql-connector-j-8.0.31.jar Main1
1 records Updated

D:\DIF\Diploma 5th Semester\22517 - Advanced Java P
rogramming\Practical\Practical No. 19\Main 1>
```

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

public class QuestionNo01 {
    public QuestionNo01()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/diploma_fifth_semester";
            Connection conn = DriverManager.getConnection(url,user,pass);

            String q = "select * from user;";

            Statement s = conn.createStatement();

            ResultSet r = s.executeQuery(q);

            while(r.next())
            {
                String User_Name = r.getString(1);
                int PassWord = r.getInt(2);

                System.out.println("User Name: "+User_Name);
                System.out.println("Password: "+PassWord);
            }

        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) {
        new QuestionNo01();
    }
}
```

```
uestionNo01.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Progra
mming\Practical\Practical No. 19\Question No. 01>java -c
p .;mysql-connector-j-8.0.31.jar QuestionNo01
User Name: Surya
Password: 4848

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Progra
mming\Practical\Practical No. 19\Question No. 01>
```

```java
import java.sql.*;

public class QuestionNo02 {
    public QuestionNo02()
    {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/MSBTE";
            Connection conn = DriverManager.getConnection(url,user,pass);
            String q = "update student set name = 'Saurabh Jadhav' where id = 1;";
            Statement st = conn.createStatement();

            int i = st.executeUpdate(q);
            System.out.println(i + " records Updated");
            conn.close();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Except
        new QuestionNo02();
    }
}
```

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pract
ical\Practical No. 19\Question No. 02>java -cp .;mysql-connector-j-
8.0.31.jar QuestionNo02
1 records Updated

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pract
ical\Practical No. 19\Question No. 02>
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pract
ical\Practical No. 19\Question No. 02>
```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

```java
import java.sql.*;

public class Main1 {
    public Main1()
    {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/MSBTE";
            Connection conn = DriverManager.getConnection(url,user,pass);
            String q = "delete from student where id = 1;";
            Statement st = conn.createStatement();

            int i = st.executeUpdate(q);
            System.out.println(i + " records Deleted");
            conn.close();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new Main1();
    }
}
```

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pr
actical\Practical No. 20\Main1>javac Main1.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pr
actical\Practical No. 20\Main1>java -cp .;mysql-connector-j-8.0.
31.jar Main1
1 records Deleted

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Pr
actical\Practical No. 20\Main1>
```

Java source file   length : 765   lines : 30   Ln : 21   Col : 10   Pos : 613   Windows (CR LF)   UTF-8   INS

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

```java
import java.sql.*;

public class Main2 {
    public Main2()
    {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/abc";
            Connection conn = DriverManager.getConnection(url,user,pass);
            PreparedStatement st = conn.prepareStatement("update student set roll_no=3 where fname='Abhishek'");
            st.executeUpdate();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception {
        new Main2();
    }
}
```

```
ramming\Practical\Practical No. 20\Main 2>javac Main2.
java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Prog
ramming\Practical\Practical No. 20\Main 2>java -cp .;m
ysql-connector-j-8.0.31.jar Main2

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Prog
ramming\Practical\Practical No. 20\Main 2>
```

Java source file   length : 687   lines : 26   Ln : 19   Col : 10   Pos : 582   Windows (CR LF)   UTF-8   INS

```java
import java.sql.*;

public class QuestionNo01 {
    public QuestionNo01()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/abc";
            Connection conn = DriverManager.getConnection(url,user,pass);
            PreparedStatement st = conn.prepareStatement("update student set fname='John' where fname='Jack'");
            int n = st.executeUpdate();
            System.out.println(n + " records
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) thr
        new QuestionNo01();
    }
}
```

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical
\Practical No. 20\Question No. 01>javac QuestionNo01.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical
\Practical No. 20\Question No. 01>java -cp .;mysql-connector-j-8.0.31.j
ar QuestionNo01
1 records updated..

D:\DIF\Diploma 5th Semester\22517 ├ Advanced Java Programming\Practical
\Practical No. 20\Question No. 01>
```

```java
import java.sql.*;

public class QuestionNo02 {
    public QuestionNo02()
    {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String user = "root";
            String pass = "Surya@1238";
            String url = "jdbc:mysql://localhost:2138/abc";
            Connection conn = DriverManager.getConnection(url,user,pass);
            String q = "delete from product where price > 500 AND id='P1234'";
            Statement st = conn.createStatement();

            int i = st.executeUpdate(q);
            System.out.println(i + " records Deleted");
            conn.close();
        }
        catch (Exception e)
        {
            System.out.println(e);
        }
    }

    public static void main(String[] args) throws Exception
        new QuestionNo02();
    }
}
```

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Prac
tical\Practical No. 20\Question No. 02>javac QuestionNo02.java

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Prac
tical\Practical No. 20\Question No. 02>java -cp .;mysql-connector-
j-8.0.31.jar QuestionNo02
1 records Deleted

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Prac
tical\Practical No. 20\Question No. 02>
```