

DA\DI\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 18\Main 1\main1.java - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
main1.java
1 import java.sql.Connection;
2 import java.sql.DriverManager;
3 import java.sql.ResultSet;
4 import java.sql.Statement;
5 import java.sql.PreparedStatement;
6
7 public class main1 {
8     public main1()
9     {
10
11         try {
12             Class.forName("com.mysql.cj.jdbc.Driver");
13             String user = "root";
14             String pass = "Surya@1238";
15             String url = "jdbc:mysql://localhost:2138/student";
16             Connection conn = DriverManager.getConnection(url,user,pass);
17
18             PreparedStatement stmt=conn.prepareStatement("insert into student values(?,2,?)");
19             stmt.setInt(1,1);
20             stmt.setString(2,"Suraj Tapkir");
21             stmt.setString(3,"Karjat");
22
23             int i=stmt.executeUpdate();
24             System.out.println(i+" records inserted");
25         }
26         catch (Exception e)
27         {
28             System.out.println(e);
29         }
30     }
31
32     public static void main(String[] args) throws Exception {
33         new main1();
34     }
35 }
```

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>
```

Java source file length: 981 lines: 36 Ln: 20 Col: 30 Pos: 637 Windows (CR LF) UTF-8 INS

14°C Mostly clear 03:10 09-12-2022

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>
```

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D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 18\Question No. 01\QuestionNo01.java - Notepad++

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

QuestionNo01.java

```
1 import java.sql.Connection;
2 import java.sql.DriverManager;
3 import java.sql.ResultSet;
4 import java.sql.Statement;
5 import java.sql.PreparedStatement;
6
7 public class QuestionNo01 {
8     public QuestionNo01()
9     {
10
11         try {
12             Class.forName("com.mysql.cj.jdbc.Driver");
13             String user = "root";
14             String pass = "Surya@1238";
15             String url = "jdbc:mysql://localhost:2138/student";
16             Connection conn = DriverManager.getConnection(url,user,pass);
17
18             Statement st = conn.createStatement();
19             String sql = "create table employee(emp_id int, emp_name varchar(50))";
20             st.executeUpdate(sql);
21             System.out.println("Created table in given database...");
22         }
23         catch (Exception e)
24         {
25             System.out.println(e);
26         }
27     }
28
29     public static void main(String[] args) throws Exception {
30         new QuestionNo01();
31     }
32 }
33
34
```

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

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C:\WINDOWS\system32\cmd.exe

```
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>
```

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 18\Question No. 02\QuestionNo02.java - Notepad++

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

QuestionNo01.java QuestionNo02.java DatabaseConnectivityDemo.java

```
4 import java.sql.Statement;
5 import java.sql.PreparedStatement;
6
7 public class QuestionNo02 {
8     public QuestionNo02()
9     {
10
11         try {
12             Class.forName("com.mysql.cj.jdbc.Driver");
13             String user = "root";
14             String pass = "Surya@1238";
15             String url = "jdbc:mysql://localhost:2138/suraj";
16             Connection conn = DriverManager.getConnection(url,user,pass);
17             String q = "select roll_no,name from student where marks > 70;";
18
19             Statement s = conn.createStatement();
20
21             ResultSet rs = s.executeQuery(q);
22             while(rs.next())
23             {
24                 int roll_no = rs.getInt(1);
25                 String name = rs.getString(2);
26                 System.out.println("ID: " + roll_no + " " + "Name: " + name);
27             }
28         }
29         catch (Exception e)
30         {
31             System.out.println(e);
32         }
33     }
34
35     public static void main(String[] args) throws Exception {
36         new QuestionNo02();
37     }
38 }
39
```

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

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C:\WINDOWS\system32\cmd.exe

```
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>
```

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Main 2\Main2.java - Notepad++

```
1 import java.sql.*;
2
3 public class Main2 {
4     public Main2()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/abc";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14
15            PreparedStatement stmt = conn.prepareStatement("insert into student values(?,?,?)");
16            stmt.setInt(1,101);
17            stmt.setString(2,"Abhishek");
18            stmt.setString(3,"Yadav");
19
20            int i = stmt.executeUpdate();
21            System.out.println(i + " records inserted");
22            conn.close();
23        }
24        catch (Exception e)
25        {
26            System.out.println(e);
27        }
28
29        public static void main(String[] args) throws Exception {
30            new Main2();
31        }
32
33    }
```

Java source file length: 850 lines: 33 Ln: 20 Col: 38 Pos: 610 Windows (CR LF) UTF-8 INS

14°C Mostly clear 04:00 09-12-2022

C:\WINDOWS\system32\cmd. x + - □ x

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

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Main 1\Main1.java - Notepad++

```
1 import java.sql.*;
2
3 public class Main1 {
4     public Main1()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/MSBTE";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14            String q = "update student set name = 'Prashant Jadhav' where id = 1;";
15            Statement st = conn.createStatement();
16
17            int i = st.executeUpdate(q);
18            System.out.println(i + " records Updated");
19            conn.close();
20        }
21        catch (Exception e)
22        {
23            System.out.println(e);
24        }
25
26        public static void main(String[] args) throws Exception {
27            new Main1();
28        }
29
30    }
```

Java source file length: 789 lines: 30 Ln: 21 Col: 10 Pos: 637 Windows (CR LF) UTF-8 INS

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C:\WINDOWS\system32\cmd. x + - □ x

```
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Main 1>javac Main1.java

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

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Question No. 01\QuestionNo01.java - Notepad++

```
1 import java.sql.Connection;
2 import java.sql.DriverManager;
3 import java.sql.ResultSet;
4 import java.sql.Statement;
5
6 public class QuestionNo01 {
7     public QuestionNo01()
8     {
9         try {
10             Class.forName("com.mysql.cj.jdbc.Driver");
11             String user = "root";
12             String pass = "Surya@1238";
13             String url = "jdbc:mysql://localhost:2138/diploma_fifth_semester";
14             Connection conn = DriverManager.getConnection(url,user,pass);
15
16             String q = "select * from user;";
17
18             Statement s = conn.createStatement();
19
20             ResultSet r = s.executeQuery(q);
21
22             while(r.next())
23             {
24                 String User_Name = r.getString(1);
25                 int PassWord = r.getInt(2);
26
27                 System.out.println("User Name: "+User_Name);
28                 System.out.println("Password: "+PassWord);
29             }
30
31         } catch (Exception e)
32         {
33             System.out.println(e);
34         }
35     }
36
37     public static void main(String[] args) {
38         new QuestionNo01();
39     }
40 }
```

C:\WINDOWS\system32\cmd. X + -

```
questionNo01.java
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Question No. 01>java -cp .;mysql-connector-j-8.0.31.jar QuestionNo01
User Name: Surya
Password: 4848
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Question No. 01>
```

Java source file length: 1,110 lines: 42 Ln: 19 Col: 1 Pos: 587 Windows (CR LF) UTF-8 INS 14°C Mostly clear 04:11 09-12-2022

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 19\Question No. 02\QuestionNo02.java - Notepad++

```
1 import java.sql.*;
2
3 public class QuestionNo02 {
4     public QuestionNo02()
5     {
6
7         try {
8             Class.forName("com.mysql.cj.jdbc.Driver");
9             String user = "root";
10            String pass = "Surya@1238";
11            String url = "jdbc:mysql://localhost:2138/MSBTE";
12            Connection conn = DriverManager.getConnection(url,user,pass);
13            String q = "update student set name = 'Saurabh Jadhav' where id = 1;";
14            Statement st = conn.createStatement();
15
16            int i = st.executeUpdate(q);
17            System.out.println(i + " records Updated");
18            conn.close();
19
20        } catch (Exception e)
21        {
22            System.out.println(e);
23        }
24    }
25
26    public static void main(String[] args) throws Exception {
27        new QuestionNo02();
28    }
29
30 }
```

C:\WINDOWS\system32\cmd. X + -

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

Java source file length: 809 lines: 30 Ln: 15 Col: 1 Pos: 500 Windows (CR LF) UTF-8 INS 14°C Mostly clear 04:14 09-12-2022

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 20\Main1\Main1.java - Notepad++

```
1 import java.sql.*;
2
3 public class Main1 {
4     public Main1()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/MSBTE";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14            String q = "delete from student where id = 1;";
15            Statement st = conn.createStatement();
16
17            int i = st.executeUpdate(q);
18            System.out.println(i + " records Deleted");
19            conn.close();
20
21        } catch (Exception e)
22        {
23            System.out.println(e);
24        }
25
26        public static void main(String[] args) throws Exception {
27            new Main1();
28        }
29    }
30 }
```

C:\WINDOWS\system32\cmd

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

Java source file length: 765 lines: 30 Ln: 21 Col: 10 Pos: 613 Windows (CR LF) UTF-8 INS 14°C Mostly clear 04:18 09-12-2022

D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 20\Main 2\Main2.java - Notepad++

```
1 import java.sql.*;
2
3 public class Main2 {
4     public Main2()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/abc";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14            PreparedStatement st = conn.prepareStatement("update student set roll_no=3 where fname='Abhishek'");
15            st.executeUpdate();
16
17        } catch (Exception e)
18        {
19            System.out.println(e);
20        }
21
22        public static void main(String[] args) throws Exception {
23            new Main2();
24        }
25    }
26 }
```

C:\WINDOWS\system32\cmd

```
ramming\Practical\Practical No. 20\Main 2>javac Main2.java
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 20\Main 2>java -cp .;mysql-connector-j-8.0.31.jar Main2
D:\DIF\Diploma 5th Semester\22517 - Advanced Java Programming\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 14°C Mostly clear 04:31 09-12-2022

D:\DIF\Dioma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 20\Question No. 01\QuestionNo01.java - Notepad++

```
1 import java.sql.*;
2
3 public class QuestionNo01 {
4     public QuestionNo01()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/abc";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14            PreparedStatement st = conn.prepareStatement("update student set fname='John' where fname='Jack'");
15            int n = st.executeUpdate();
16            System.out.println(n + " records updated..");
17        }
18        catch (Exception e)
19        {
20            System.out.println(e);
21        }
22    }
23
24    public static void main(String[] args) throws Exception
25    {
26        new QuestionNo01();
27    }
28 }
```

C:\WINDOWS\system32\cmd

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

Java source file length: 765 lines: 27 Ln: 15 Col: 33 Pos: 530 Windows (CR LF) UTF-8 INS 14°C Mostly clear 04:36 09-12-2022

D:\DIF\Dioma 5th Semester\22517 - Advanced Java Programming\Practical\Practical No. 20\Question No. 02\QuestionNo02.java - Notepad++

```
1 import java.sql.*;
2
3 public class QuestionNo02 {
4     public QuestionNo02()
5     {
6
7
8         try {
9             Class.forName("com.mysql.cj.jdbc.Driver");
10            String user = "root";
11            String pass = "Surya@1238";
12            String url = "jdbc:mysql://localhost:2138/abc";
13            Connection conn = DriverManager.getConnection(url,user,pass);
14            String q = "delete from product where price > 500 AND id='P1234'";
15            Statement st = conn.createStatement();
16
17            int i = st.executeUpdate(q);
18            System.out.println(i + " records Deleted");
19            conn.close();
20        }
21        catch (Exception e)
22        {
23            System.out.println(e);
24        }
25    }
26
27    public static void main(String[] args) throws Exception
28    {
29        new QuestionNo02();
30    }
31 }
```

C:\WINDOWS\system32\cmd

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

Java source file length: 803 lines: 30 Ln: 11 Col: 58 Pos: 292 Windows (CR LF) UTF-8 INS 14°C Mostly clear 04:44 09-12-2022