

## Practical no:- 20

Program Code:-

1)

```
import java.sql.*;

public class delete {

    public static void main(String args[]) {

        String url = "jdbc:mysql://localhost:3306/p20";

        String user = "root";

        String pass = "Nidhi@3108";

        String query = "delete from student where roll_no = 2";

        try {

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

            Statement st = con.createStatement();

            st.executeUpdate(query);

            System.out.println("Record Deleted successfully!!");

            con.close();

        } catch (SQLException e) {

            System.out.println(e.getMessage());

        }

    }

}
```

```
Record Deleted successfully!!
```

Before:-

```
mysql> select * from student;
+-----+-----+
| roll_no | name   |
+-----+-----+
|        1 | John   |
|        2 | Abhishek |
|        3 | Aman   |
+-----+-----+
3 rows in set (0.00 sec)
```

After:-

```
mysql> select * from student;
+-----+-----+
| roll_no | name   |
+-----+-----+
|        1 | John   |
|        3 | Aman   |
+-----+-----+
2 rows in set (0.00 sec)
```

2)

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

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

```
public class UpdateQuery {
```

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

```
        try {
```

```

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

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/p20", "root",
"Nidhi@3108");

        PreparedStatement st = con.prepareStatement("update student set roll_no=3
where name='Abhishek'");

        st.executeUpdate();

    } catch (Exception ex) {

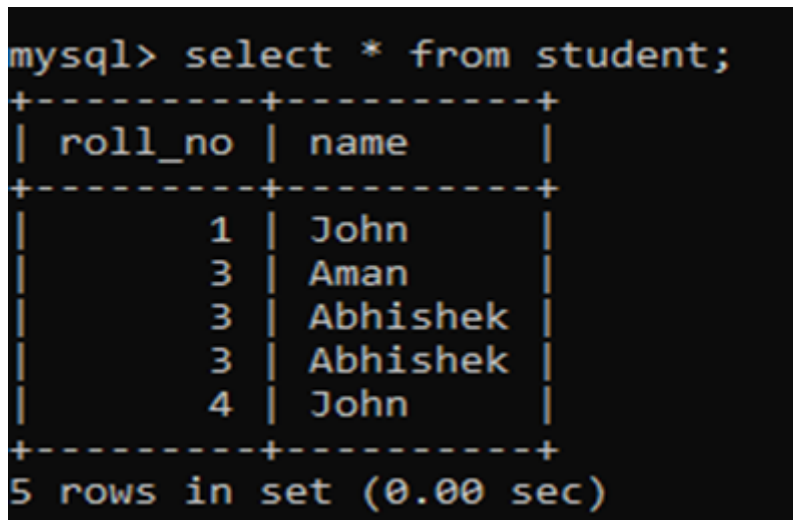
        System.out.println(ex);

    }

}

}

```



```

mysql> select * from student;
+-----+-----+
| roll_no | name   |
+-----+-----+
|      1  | John   |
|      3  | Aman   |
|      3  | Abhishek |
|      3  | Abhishek |
|      4  | John   |
+-----+-----+
5 rows in set (0.00 sec)

```

Exercise:-

1)

```
import java.sql.*;
```

```
public class updateJohn {
```

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

```

String url = "jdbc:mysql://localhost:3306/p20";

String user = "root";

String pass = "Nidhi@3108";

String query = "update student set name = \"John\" where name = \"Jack\"";


try {

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

    Statement st = con.createStatement();


    st.executeUpdate(query);

    System.out.println("Jack is Updated with John successfully");

    con.close();

} catch (SQLException e) {

    System.out.println(e.getMessage());

}

}
}

```

```

Jack is Updated with John successfully

```

2)

```

import java.sql.*;

public class productDel {

    public static void main(String args[]) {

        String url = "jdbc:mysql://localhost:3306/p20";

        String user = "root";
    }
}

```

```
String pass = "Nidhi@3108";

String query = "delete from product where price > 500 and id = \"P1234\"";

try {

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

    Statement st = con.createStatement();

    st.executeUpdate(query);

    System.out.println("products with price greater than 500 are deleted");

    con.close();

} catch (SQLException e) {

    System.out.println(e.getMessage());

}

}
```

```
products with price greater than 500 are deleted
```