ASSESSMENT- 03

NAME: BHADHRINATH U

REG NO: 20BCE0183

COURSE NAME: MODERN APPLICATION DEVELOPMENT (SPRINGBOOT)

SELECT QUERY:

```java
import java.sql.*;

public class jdbc {

    public static void main(String[] args) {

        try {

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

            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/spring", "root", "");

            Statement stmt = conn.createStatement();

            ResultSet rs = stmt.executeQuery("select * from student");
            while (rs.next()) {

                System.out.println(rs.getString(1) + " " + rs.getString(2) + " " +
rs.getString(4));

            }
            conn.close();

        } catch (Exception e) {

            System.out.println(e);

        }

    }

}
```

<terminated> jdbc [Java Application] C:\Users\CHIBHIRAJ\.p2\pool\plug

```
1 chibhi cse
2 raj civil
3 nitish mech
4 badri AI
```

```
MariaDB [spring]> select * from student;
+-------+---------+-----------+---------+
| sno   | name    | reg       | course  |
+-------+---------+-----------+---------+
|     1 | chibhi  | 20bct0029 | cse     |
|     2 | raj     | 20bee0099 | civil   |
|     3 | nitish  | 20ble039  | mech    |
|     4 | badri   | 20bai101  | AI      |
+-------+---------+-----------+---------+
4 rows in set (0.000 sec)
```

DELETE QUERY

```
import java.sql.*;

public class jdbc {

    public static void main(String[] args) {

        try {

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

            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/spring", "root", "");

            Statement stmt = conn.createStatement();

            String query = "delete from student where sno=3";

            stmt.executeUpdate(query);

            System.out.println("After Deleting a column:");
```

```java
                        System.out.println("------------------------");

                        ResultSet rs = stmt.executeQuery("select * from student");

                        while (rs.next()) {
                                System.out.println(rs.getString(1) + " " + rs.getString(2) + " " +
rs.getString(3));
                        }

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

```
After Deleting a column:
--------------------------
1 chibhi cse
2 raj civil
4 badri AI
|
```

```
MariaDB [spring]> select * from student;
+-------+--------+--------+
| sno   | name   | course |
+-------+--------+--------+
|     1 | chibhi | cse    |
|     2 | raj    | civil  |
|     4 | badri  | AI     |
+-------+--------+--------+
3 rows in set (0.001 sec)
```

UPDATE QUERY

```java
import java.sql.*;

public class jdbc {

    public static void main(String[] args) {

        try {

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

            Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/spring", "root", "");

            Statement stmt = conn.createStatement();

            String query = "UPDATE student  set sno =3 ,name='kumar' where course='AI'";

            stmt.executeUpdate(query);

            System.out.println("After updating");

            System.out.println("------------------------");

            ResultSet rs = stmt.executeQuery("select * from student");

            while (rs.next()) {

                System.out.println(rs.getString(1) + " " + rs.getString(2) + " " + rs.getString(3));

            }

            conn.close();

        } catch (Exception e) {

            System.out.println(e);

        }

    }

}
```

```
After updating
-----------------------
1 chibhi cse
2 raj civil
3 kumar AI
```

```
MariaDB [spring]> select * from student;
+--------+----------+----------+
| sno    | name     | course   |
+--------+----------+----------+
|      1 | chibhi   | cse      |
|      2 | raj      | civil    |
|      3 | kumar    | AI       |
+--------+----------+----------+
3 rows in set (0.001 sec)
```

INSERT QUERY

```java
import java.sql.*;

public class jdbc {

        public static void main(String[] args) {

                try {

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

                        Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/spring", "root", "");

                        Statement stmt = conn.createStatement();

                         String query = "INSERT INTO student VALUES (4, 'jai', 'mech')";


                        stmt.executeUpdate(query);

                        System.out.println("After inserting");

                        System.out.println("------------------------");


                        ResultSet rs = stmt.executeQuery("select * from student");
```

```java
                        while (rs.next()) {

                                System.out.println(rs.getString(1) + " " + rs.getString(2) + " " +
rs.getString(3));

                        }


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

                }

        }

}
```

```
After inserting
------------------------
1 chibhi cse
2 raj civil
3 kumar AI
4 jai mech
```

```
MariaDB [spring]> select * from student;
+-------+---------+---------+
| sno   | name    | course  |
+-------+---------+---------+
|     1 | chibhi  | cse     |
|     2 | raj     | civil   |
|     3 | kumar   | AI      |
|     4 | jai     | mech    |
+-------+---------+---------+
4 rows in set (0.005 sec)
```