

## 1. CallableStatement

CODE:

```
package javaapplication16;

import java.sql.*;

public class dharr {

    public static void main(String[] args) {

        try {

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

            try ( Connection con = DriverManager.getConnection("jdbc:mysql:///empdb", "root",
"dharrudharu@7")) {

                CallableStatement cs = con.prepareCall("{call GetCustomerInfo()}");

                ResultSet result = cs.executeQuery();

                while (result.next()) {

                    System.out.println("Name : " + result.getString("name"));

                    System.out.println("Age : " + result.getInt("age"));

                }

                result.close();

                cs.close();

                con.close();

            }

        }

        catch (SQLException e) {

            e.printStackTrace();

        }

        catch (ClassNotFoundException e) {

            e.printStackTrace();

        }

    }

}
```

## OUTPUT:

```
Console x
<terminated> dharr (1) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (28 Aug 2024, 2:07:38 pm – 2:07:41 pm) [pid: 1872]
Name : John Doe
Age : 30
Name : Alice Johnson
Age : 28
Name : Alice Johnson
Age : 28
```

```
MySQL 9.0 Command Line Cli x
-> id INT AUTO_INCREMENT PRIMARY KEY,
-> name VARCHAR(100),
-> age INT
-> );
Query OK, 0 rows affected (0.03 sec)

mysql>
mysql> INSERT INTO CustomerInfoss (name, age) VALUES ('John Doe', 30);
Query OK, 1 row affected (0.01 sec)

mysql> DELIMITER $$
mysql>
mysql> CREATE PROCEDURE GetCustomerInfoss()
-> BEGIN
-> SELECT name, age FROM CustomerInfoss;
-> END$$
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> DELIMITER ;
mysql> call GetCustomerInfoss();
+-----+-----+
| name   | age |
+-----+-----+
| John Doe | 30 |
+-----+-----+
1 row in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)
```