

Callable statement

```
package calleble_statement;
import javafx.application.Application;
import javafx.geometry.Insets;
import javafx.geometry.Pos;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.Label;
import javafx.scene.control.TextField;
import javafx.scene.layout.HBox;
import javafx.scene.layout.VBox;
import javafx.stage.Stage;
import java.sql.CallableStatement;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
public class Calleble_Statement extends Application {
    private Connection conn;
    private CallableStatement cstmt;
    private ResultSet rs;
    @Override
    public void start(Stage primaryStage) {
        HBox inputBox = new HBox(10);
        inputBox.setAlignment(Pos.CENTER_RIGHT);
        inputBox.setPadding(new Insets(10));
        Label idLabel = new Label("Employee ID:");
        TextField idField = new TextField();
        Button searchButton = new Button("Search");
        inputBox.getChildren().addAll(idLabel, idField, searchButton);
        VBox outputBox = new VBox(10);
        outputBox.setAlignment(Pos.CENTER);
        outputBox.setPadding(new Insets(10));
        Scene scene = new Scene(new VBox(inputBox, outputBox), 300, 200);
        primaryStage.setScene(scene);
        primaryStage.setTitle("Employee Search");
        primaryStage.show();
        searchButton.setOnAction(e -> {
            String employeeIdStr = idField.getText();
            if (!employeeIdStr.isEmpty()) {
                try {
                    int employeeId = Integer.parseInt(employeeIdStr);
                    conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/hr",
"root", "Jerkm@123");
                    cstmt = conn.prepareCall("{call getEmployeeDetails(?)}");
                    cstmt.setInt(1, employeeId);
```

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rs = cstmt.executeQuery();
if (rs.next()) {
    String fname = rs.getString("fname");
    String lname = rs.getString("lname");
    String gmailId = rs.getString("gmail_id");
    Label detailsLabel = new Label("Employee Details:");
    Label fnameLabel = new Label("First Name: " + fname);
    Label lnameLabel = new Label("Last Name: " + lname);
    Label gmailIdLabel = new Label("Gmail ID: " + gmailId);
    outputBox.getChildren().addAll(detailsLabel, fnameLabel, lnameLabel,
gmailIdLabel);
} else {
    Label notFoundLabel = new Label("Employee not found!");
    outputBox.getChildren().add(notFoundLabel);
}
} catch (SQLException ex) {
    System.err.println("Error: " + ex.getMessage());
} finally {
    try {
        if (rs != null) rs.close();
        if (cstmt != null) cstmt.close();
        if (conn != null) conn.close();
    } catch (SQLException ex) {
        System.err.println("Error closing resources: " + ex.getMessage());
    }
}
});
}
public static void main(String[] args) {
    launch(Calleble_Statement.class, args);
}
}

```

Output:

Employee Details:
First Name: Michael
Last Name: Brown
Gmail ID: michael.brown@example.com