Preferred statement

Program:

```java
package retrievedataa;
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.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;

public class Retrievedataa extends Application {
    private Connection conn;
    private PreparedStatement pstmt;
    private ResultSet rs;
    @Override
    public void start(Stage primaryStage) {
        HBox inputBox = new HBox(10);
        inputBox.setAlignment(Pos.CENTER_RIGHT);
        inputBox.setPadding(new Insets(10));

        // Create a label and text field for employee ID
        Label idLabel = new Label("Employee ID:");
        TextField idField = new TextField();

        // Create a search button
        Button searchButton = new Button("Search");

        // Add components to the input box
        inputBox.getChildren().addAll(idLabel, idField, searchButton);

        // Create a vertical box layout for the output
        VBox outputBox = new VBox(10);
        outputBox.setAlignment(Pos.CENTER);
        outputBox.setPadding(new Insets(10));

        // Create a scene and set the stage
        Scene scene = new Scene(new VBox(inputBox, outputBox), 300, 200);
        primaryStage.setScene(scene);
```

```java
        primaryStage.setTitle("Employee Search");
        primaryStage.show();

        // Add event handler to the Search button
        searchButton.setOnAction(e -> {
            String employeeId = idField.getText();
            if (!employeeId.isEmpty()) {
                try {
                    conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/hr",
"root", "Jerkm@123");
                    pstmt = conn.prepareStatement("SELECT fname, lname, gmail_id FROM
employee WHERE emp_id = ?");
                    pstmt.setString(1, employeeId);
                    rs = pstmt.executeQuery();

                    // Display employee details if found
                    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 (Exception ex) {
                    System.err.println("Error: " + ex.getMessage());
                } finally {
                    try {
                        if (rs != null) rs.close();
                        if (pstmt != null) pstmt.close();
                        if (conn != null) conn.close();
                    } catch (Exception ex) {
                        System.err.println("Error closing resources: " + ex.getMessage());
                    }
                }
            }
        });
    }

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

```
        Application.launch(Retrievedataa.class, args);
    }
}
```

Output: