# Delete a Record from a Table Using JDBC

## Problem Statement

You are given a table named players that contains player records. Your task is to delete the record of the player whose UID is 3 using JDBC.

You need to complete **only one line of code** using a PreparedStatement to delete the matching record.

This is a basic exercise in executing a DELETE query safely with placeholders.

## Sample Output

3 Priya Singh 24 // (This line will NOT appear after deletion)

Private Test cases used for evaluation Input **Expected Output** Actual Output Passed Test Case 1 NΑ

The due date for submitting this assignment has passed. 1 out of 1 tests passed. You scored 100.0/100.

### Assignment submitted on 2025-04-08, 22:06 IST

Your last recorded submission was import java.sql.\*; // Set SQLite temp directory (required in sandboxed environments like NPTEL)
System.setProperty("org.sqlite.tmpdir", "/tempfs"); // Connect to SQLite database
Connection conn = DriverManager.getConnection("jdbc:sqlite:/tempfs/db"); // Create the 'players' table if not already present Statement stmt = conn.createStatement(); String CREATE\_TABLE\_SQL = "CREATE TABLE IF NOT EXISTS players (UID INT, First\_Name VARCHAR(45), Last\_Name VAR stmt.executeUpdate(CREATE\_TABLE\_SQL); // Clear previous data and insert a new player with UID = 3
stmt.executeUpdate("DELETE FROM players");
stmt.executeUpdate("INSERT INTO players VALUES(3, 'Priya', 'Singh', 24)"); // Check if // Clean up
 conn.close();
} catch (Exception e) {
 System.out.println(e);

Sample solutions (Provided by instructor) // Set SQLite temp directory (required in sandboxed environments like NPTEL)
System.setProperty("org.sqlite.tmpdir", "/tempfs"); // Connect to SQLite database
Connection conn = DriverManager.getConnection("jdbc:sqlite:/tempfs/db"); // Create the 'players' table if not already present Statement stmt = conn.createStatement(); String CREATE\_TABLE\_SQL = "CREATE TABLE IF NOT EXISTS players (UID INT, First\_Name VARCHAR(45), Last\_Name VAR stmt.executeUpdate(CREATE\_TABLE\_SQL); // Clear previous data and insert a new player with UID = 3 stmt.executeUpdate("DELETE FROM players"); stmt.executeUpdate("INSERT INTO players VALUES(3, 'Priya', 'Singh', 24)"); // Prepare the DELETE SQL statement
String sql = "DELETE FROM players WHERE UID = ?";
PreparedStatement pstmt = conn.prepareStatement(sql);
pstmt.setInt(1, 3); // Set the UID to delete (placeholder 1 refers to '?')
pstmt.executeUpdate(); // Execute the delete operation // Clean up
conn.close();
} catch (Exception e) {
 System.out.println(e);