Create jdbc connection using PrepareStatement and use Placeholder '?' for taking input from user.

```
| import java.sql.Connection;
| import java.sql.DriverManager;
| import java.sql.DriverManager;
| import java.sql.PreparedStatement;
| import java.sql.PseparedStatement;
| import java.sql.PseparedStatement;
| import java.sql.SplException;
| preparedStatement pstat = mult;
| connection con = mul
```

```
public static void main(String[] args) throws SQLEXception

{

// Establishing the connection
Connection con = DriverHanager.getConnection("jdbc:mysql://localhost:3306/mydbms", "root", "root");

// Creating a Statement object
Statement stmt = con.createStatement();

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// System.out.println("Enter Your Table name : ");

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// System.out.println("Enter table "table" (\n";

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// System.out.println("Enter column name (e.g., columnName): ");

// System.out.println("Enter data type (e.g., INT, VARCHAR(50)): ");

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// System.out.println("Do you want to add any key constraint (yes/no)?");

// String se = sc.nextLine();

// System.out.println("Enter the key constraint (e.g., PRIMARY KEY, AUTO_INCREMENT, UNIQUE): ");

// System.out.println("Enter "table" "*key+",\n";

// System.out.println("Generated SQL query:");

// System.out.println("Table created successfully...");

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```

```
// Establishing the database connection
Connection con = briverNamager.getConnection("jdbc:mysql://localhost:3306/mydbms", "root", "root");
Scanner sc = new Scanner(system.in);
String sql = "";

// Prompting user to choose what to update
System.unt.println("Enter 1 to update ID, 2 to update Name, 3 to update Age");
int choice = sc.nextInt();
sc.nextInt(s); // Consume newline

// Defining SQL queries based on user choice
if (choice == 1) {
    System.unt.println("Enter current ID: ");
    int currentId = sc.nextInt();
    System.unt.println("Enter new ID: ");
    int newId = sc.nextInt();

sql = "UPDATE STUDENT SET ID =? NMERE ID = ?";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setInt(2, currentId);

int rowsUpdated = ps.executeUpdate();
    System.out.println("Updated " + rowsUpdated + " row(s) with new ID = " + newId);
} clse if (choice == 2) {
    System.out.println("Enter ID of the student whose name you want to update: ");
    int id = sc.nextInt();
    sc.nextLine(); // Consume newLine
    System.out.println("Enter new name: ");
    String newName = sc.nextLine();
    sql = "UPDATE STUDENT SET NAME = ? NAMERE ID = ?";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setString(1, newName);
    ps.setInt(2, id);

int rowsUpdated = ps.executeUpdate();
    System.out.println("Enter ID of the student whose age you want to update: ");
    int id = sc.nextInt();
    System.out.println("Enter new age: ");
    int id = sc.nextInt();
    sql = "UPDATE STUDENT SET AGE = ? NHERE ID = ?";
    PreparedStatement ps = con.prepareStatement(sql);
    ps.setInt(2, id);
    int newAge = sc.nextInt(2, id
```