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## ASSIGNMENT – 3

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CODE:

```
import java.sql.*;
import java.io.*;
import java.util.*;

public class assignment3 {
    static final String DB_URL = "jdbc:mysql://localhost:3306/Mydb1";
    static final String USER = "root";
    static final String PASS = "root";

    public static void main(String[] args) {
        Connection conn = null;
        Statement stmt = null;

        try {

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

            conn = DriverManager.getConnection(DB_URL, USER, PASS);

            stmt = conn.createStatement();

            String createTableQuery = "CREATE TABLE mytable ("
            + "id INT PRIMARY KEY AUTO_INCREMENT,"
            + "name VARCHAR(50) NOT NULL,"
            + "age INT)";

            stmt.executeUpdate(createTableQuery);

            String insertQuery = "INSERT INTO Students1 (name, rollno) VALUES
('srikanth', 23)";
            stmt.executeUpdate(insertQuery);
            System.out.println("Insert command executed successfully.");

            String deleteQuery = "DELETE FROM Students1 WHERE column1 =
'srikanth'";
            stmt.executeUpdate(deleteQuery);
            System.out.println("Delete command executed successfully.");
```

```

        stmt.close();
        conn.close();
    } catch (SQLException se) {

        se.printStackTrace();
    } catch (Exception e) {

        e.printStackTrace();
    } finally {

        try {
            if (stmt != null) stmt.close();
        } catch (SQLException se2) {
            se2.printStackTrace();
        }
        try {
            if (conn != null) conn.close();
        } catch (SQLException se) {
            se.printStackTrace();
        }
    }
}
}

```

## OUTPUT:

The screenshot shows the Visual Studio Code interface with the file 'assignment3.java' open. The code in the editor is as follows:

```

1  import java.sql.*;
2  import java.io.*;
3  import java.util.*;
4
5  public class assignment3 {
6      static final String DB_URL = "jdbc:mysql://localhost:3306/Mydb1";
7      static final String USER = "root";
8      static final String PASS = "root";
9
10     public static void main(String[] args) {
11         Connection conn = null;
12         Statement stmt = null;
13
14         try {
15
16             Class.forName("com.mysql.cj.jdbc.Driver");
17
18             conn = DriverManager.getConnection(DB_URL, USER, PASS);
19
20

```

The terminal output shows the following commands and their results:

```

va-project\bin' 'assignment3t'
Insert command executed successfully.
Delete command executed successfully.
PS C:\Users\HP> & 'C:\Program Files\Java\jdk1.8.0_202\bin\java.exe' '-cp' 'C:\Users\HP\AppData\Local\Temp\vscodesws_57946\jdt_ws\jdt.ls-java-proj
ect\bin' 'assignment3t'
Insert command executed successfully.
Delete command executed successfully.
PS C:\Users\HP>

```

The status bar at the bottom indicates the current position is Ln 37, Col 33 (37 selected), with 4 spaces, UTF-8 encoding, CRLF line endings, and the file is in Java mode.