

#1. HTML Form (Studform.htm)

```
<!DOCTYPE html>
<html>
<head>
    <title>Student Form</title>
</head>
<body>
    <form action="StudentServlet"
method="post">
        <label
for="regno">RegNo:</label><br>
        <input type="text" id="regno"
name="regno"><br>
        <label
for="name">Name:</label><br>
        <input type="text" id="name"
name="name"><br>
        <label
for="mark">Mark:</label><br>
        <input type="text" id="mark"
name="mark"><br>
        <input type="submit"
value="Submit">
    </form>
</body>
</html>
```


#2. Servlet Program

(StudentServlet.java)

```
-----  
-----  
  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.Statement;  
import javax.servlet.ServletException;  
import javax.servlet.http.HttpServlet;  
import  
javax.servlet.http.HttpServletRequest;  
import  
javax.servlet.http.HttpServletResponse;  
  
public class StudentServlet extends  
HttpServlet {  
    protected void  
doPost(HttpServletRequest request,  
HttpServletResponse response)  
        throws ServletException,  
IOException {  
  
response.setContentType("text/html;charset=UTF-8");  
        PrintWriter out =  
response.getWriter();  
  
        String regno =  
request.getParameter("regno");
```

```
        String name =
request.getParameter("name");
        String mark =
request.getParameter("mark");

        try {
            // Load the MySQL driver

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

            // Establish a connection to
the database
            Connection conn =
DriverManager.getConnection("jdbc:mysql:
//localhost:3306/STUD", "username",
"password");

            // Create a SQL statement
            String sql = "INSERT INTO
Student (RegNo, Name, Mark) VALUES ('" +
regno + "', '" + name + "', " +
Integer.parseInt(mark) + ")";
            Statement stmt =
conn.createStatement();

            // Execute the statement
            int count =
stmt.executeUpdate(sql);

            // Print success message
```

```

        if (count > 0) {

out.println("Successfully inserted the
data.");

        } else {
            out.println("Error in
data insertion.");
        }

    } catch (Exception e) {
        out.println("Error: " +
e.getMessage());
    } finally {
        out.close();
    }
}
}
}

```


Use PreparedStatement instead of
Statement. Replace with the below code
inplace of Statement.

// Create a SQL statement
String sql = "INSERT INTO
Student (RegNo, Name, Mark) VALUES (?,
?, ?)";
PreparedStatement stmt =
conn.prepareStatement(sql);
stmt.setString(1, regno);

```
        stmt.setString(2, name);  
        stmt.setInt(3,  
Integer.parseInt(mark));
```

```
        // Execute the statement  
        int count =  
stmt.executeUpdate();
```