

HTML page:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Inpute html webpage</title>
```

```
</head>
```

```
<body>
```

```
    <form action="Servlet_file" method="post">
```

```
        <h1>Registration Details</h1>
```

```
        <label>Username</label>
```

```
        <input type="text" name="username">
```

```
        <br><br>
```

```
        <label>Password</label>
```

```
        <input type="password" name="password">
```

```
        <br><br>
```

```
        <label>Email Id</label>
```

```
        <input type="email" name="email">
```

```
        <br><br>
```

```
        <label>Country</label>
```

```
        <input type="text" name="country">
```

```
        <br><br>
```

```
        <input type="submit" value="Register"><br/>
```

```
    </body>
```

```
</html>
```

Servlet Program:

```
import java.sql.*;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import java.io.IOException;

/**
 * Servlet implementation class Servlet_file
 */
public class Servlet_file extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Servlet_file() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request,
     HttpServletResponse response)
```

```

    */

    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {

        // TODO Auto-generated method stub

        response.getWriter().append("Served at:
").append(request.getContextPath());

    }

    /**

    * @see HttpServlet#doPost(HttpServletRequest request,
HttpServletResponse response)

    */

    protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {

        String username = request.getParameter("username");
        String password = request.getParameter("password");
        String email = request.getParameter("email");
        String country = request.getParameter("country");
        System.out.println(username);

        try {

            RegistrationDao regdao = new RegistrationDao();

            regdao.createUser(username, password, email, country);
            response.getWriter().print("User Registered Successfully");
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }

```

```

        response.getWriter().print("An error occurred while registering
user");
    }

}

}

```

DAO class Program:

```
import java.sql.*;
```

```
public class RegistrationDao {
```

```
    private static final String DRIVER = "com.mysql.cj.jdbc.Driver";
```

```
    private static final String URL = "jdbc:mysql://localhost:3306/EXP10";
```

```
    private static final String USER = "root";
```

```
    private static final String PASSWORD = "Avish@101";
```

```
    private static final String INSERT_QUERY = "INSERT INTO exp10T (user,
password, email, country) VALUES (?, ?, ?, ?)";
```

```
    public void createUser(String usr, String password, String email, String
country) throws SQLException {
```

```
        Connection con = null;
```

```
        PreparedStatement pstmt = null;
```

```
        try {
```

```
Class.forName(DRIVER);

con = DriverManager.getConnection(URL, USER, PASSWORD);

pstmt = con.prepareStatement(INSERT_QUERY);


pstmt.setString(1, usr);
pstmt.setString(2, password);
pstmt.setString(3, email);
pstmt.setString(4, country);
pstmt.executeUpdate();


System.out.println("User Registered Successfully");
} catch (ClassNotFoundException | SQLException e) {
    // Log the exception or throw it to the caller
    // You might want to throw a custom exception here
    e.printStackTrace();
    throw new SQLException("Error in database operation", e);
} finally {
    // Close resources in reverse order
    if (pstmt != null) {
        try {
            pstmt.close();
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
    if (con != null) {
```

```

try {
    con.close();
} catch (SQLException e) {
    e.printStackTrace();
}
}
}
}
}
}
}
}

```

Output:

Webpage view:

Registration Details

Username

Password

Email Id

Country

Mysql:

```

1 • create database EXP10;
2 • use EXP10;
3 • create table exp10T(user varchar(10),password varchar(10))
4 • select* from exp10T;

```

Result Grid			
Filter Rows:			
Export: Wrap Cell Co			
user	password	email	country
avish	123	av@gmail.com	India