**Lab Session 8**

* **Write a JSP application to manage User Profile. User must be able to View, Edit, Delete information from application.**

1. **index.html :**

<!DOCTYPE html>

<html>

<head>

<title>User Profile</title>

</head>

<body>

<div>

<button><a href='http://localhost:8080/userprofile/login.jsp'>Login</a></button>

<button><a href='http://localhost:8080/userprofile/registration.jsp'>Registration</a></button>

</div>

</body>

</html>

1. **registration.jsp :**

<%@ page language="java" contentType="text/html"%>

<!DOCTYPE html>

<html>

<head>

<title>Registration</title>

</head>

<body >

<div>

<form action='http://localhost:8080/userprofile/reg\_connect.jsp' method="post">

<h1>Registration Page</h1>

<table>

<tr>

<td>Username:-</td>

<td><input type='text' name='user'></td>

</tr>

<tr>

<td>Password:-</td>

<td><input type='password' name='pass'></td>

</tr>

<tr>

<td>Email:-</td>

<td><input type='email' name='email'></td>

</tr>

<tr>

<td>Contact No:-</td>

<td><input type='number' name='cont\_no'></td>

</tr>

</table>

<button type="Submit">Submit</button>

</form>

</div>

</body>

</html>

1. **reg\_connect.jsp :**

<%@ page import="java.sql.\*"%>

<%

String name=request.getParameter("user");

String password=request.getParameter("pass");

String email=request.getParameter("email");

String cont\_no = request.getParameter("cont\_no");

try{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost/student","root","");

Statement st = con.createStatement();

String sqr = "insert into register(name,password,email,cont\_no) values('"+name+"','"+password+"','"+email+"','"+cont\_no+"')";

int x = st.executeUpdate(sqr);

if(x>0){

PreparedStatement ps = con.prepareStatement("select \* from register where name=? and password=?");

ps.setString(1, name);

ps.setString(2, password);

ResultSet rs=ps.executeQuery();

if(rs.next()){

String id = String.valueOf(rs.getInt(1));

session.setAttribute("id",id);

response.sendRedirect("view\_profile.jsp");

}

response.sendRedirect("view\_profile.jsp");

}

else{

response.sendRedirect("registration.jsp");

}

}

catch(Exception e){

out.println(e);

}

%>

1. **view\_profile.jsp :**

<%@ page import="java.sql.\*" %>

<%

String s = (String)session.getAttribute("id");

if(s=="-1"){

response.sendRedirect("login.jsp");

}

%>

<%

try{

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost/student","root","");

String id = (String)session.getAttribute("id");

int id1 = Integer.parseInt(id);

if(request.getParameter("update")!=null){

String Name,Email,Cont;

out.println(request.getParameter("update"));

PreparedStatement ps1 = con.prepareStatement("select \* from register where id=?");

ps1.setInt(1, id1);

ResultSet rs = ps1.executeQuery();

if(rs.next()){

Name = rs.getString(2);

Email = rs.getString(4);

Cont = rs.getString(5);

if(request.getParameter("name\_update")!=""){

Name = request.getParameter("name\_update");

}

if(request.getParameter("email\_update")!=""){

Email = request.getParameter("email\_update");

}

if(request.getParameter("cont\_update")!=""){

Cont = request.getParameter("cont\_update");

}

PreparedStatement ps2 = con.prepareStatement("Update register set name=?,email=?,cont\_no=? where id=?");

ps2.setString(1,Name);

ps2.setString(2,Email);

ps2.setString(3,Cont);

ps2.setInt(4,id1);

ps2.executeUpdate();

}

}

PreparedStatement ps = con.prepareStatement("select \* from register where id=?");

ps.setInt(1, id1);

ResultSet rs = ps.executeQuery();

if(rs.next()){

out.println(" Name :"+rs.getString(2)+"<br>"+" email :"+rs.getString(4)+"<br>"+" contact No : "+rs.getString(5));

}

}

catch(Exception e){

out.println(e);

}

%>

<%@ page language="java" contentType="text/html"%>

<!DOCTYPE html>

<html>

<head>

<title>Registration</title>

</head>

<body >

<br><br>

<button onclick="location.href='edit\_profile.jsp'">Edit Profile</button><br><br>

<button onclick="location.href='delete\_profile.jsp'">Delete Profile</button><br><br>

<button name='logout' onclick="location.href='login.jsp'">Log Out</button><br><br>

</body>

</html>

1. **edit\_profile.jsp :**

<%@ page import="java.sql.\*" %>

<%

String s=(String)session.getAttribute("id");

if(s=="-1"){

response.sendRedirect("login.jsp");

}

%>

<%

try{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost/student","root","");

String id = (String)session.getAttribute("id");

int id1 = Integer.parseInt(id);

PreparedStatement ps = con.prepareStatement("select \* from register where id=?");

ps.setInt(1, id1);

ResultSet rs = ps.executeQuery();

}

catch(Exception e){

out.println(e);

}

%>

<%@ page language="java" contentType="text/html"%>

<!DOCTYPE html>

<html>

<head>

<title>Registration</title>

</head>

<body>

<form action="view\_profile.jsp" method='post'>

Name:-<input type='text' placeholder="Enter the Name" name='name\_update'/><br><br>

Email:-<input type='email' placeholder="Enter the Email" name="email\_update"/><br><br>

Contact No:-<input type="number" placeholder="Enter the Contact No" name="cont\_update"/><br><br>

<button name="update" type="submit">Update</button>

</form>

</body>

</html>

1. **delete\_profile.jsp :**

<%@ page import="java.sql.\*" %>

<%

try{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost/student","root","");

String id = (String)session.getAttribute("id");

int id1 = Integer.parseInt(id);

PreparedStatement ps = con.prepareStatement("Delete from register where id=?");

ps.setInt(1, id1);

int x=ps.executeUpdate();

if(x>0){

response.sendRedirect("registration.jsp");

}

else{

response.sendRedirect("view\_profile.jsp");

}

}

catch(Exception e){

out.println(e);

}

%>

1. **login.jsp :**

<%@ page language="java" contentType="text/html"%>

<%

if(request.getParameter("logout")==null){

session.setAttribute("id","-1");

}

%>

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

</head>

<body >

<div>

<form action='http://localhost:8080/userprofile/login\_connect.jsp' method="post">

<h1>Login Page</h1>

<table>

<tr>

<td>Username:-</td>

<td><input type='text' name='user'></td>

</tr>

<tr>

<td>Password:-</td>

<td><input type='password' name='pass'></td>

</tr>

</table>

<button type="Submit">Submit</button>

</form>

</div>

</body>

</html>

1. **login\_connect.jsp :**

<%@ page import="java.sql.\*" %>

<%

String name = request.getParameter("user");

String password = request.getParameter("pass");

try{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost/student","root","");

PreparedStatement ps = con.prepareStatement("select \* from register where name=? and password=?");

ps.setString(1, name);

ps.setString(2, password);

ResultSet rs=ps.executeQuery();

if(rs.next()){

String id = String.valueOf(rs.getInt(1));

session.setAttribute("id",id);

response.sendRedirect("view\_profile.jsp");

}

else{

response.sendRedirect("login.jsp");

}

}

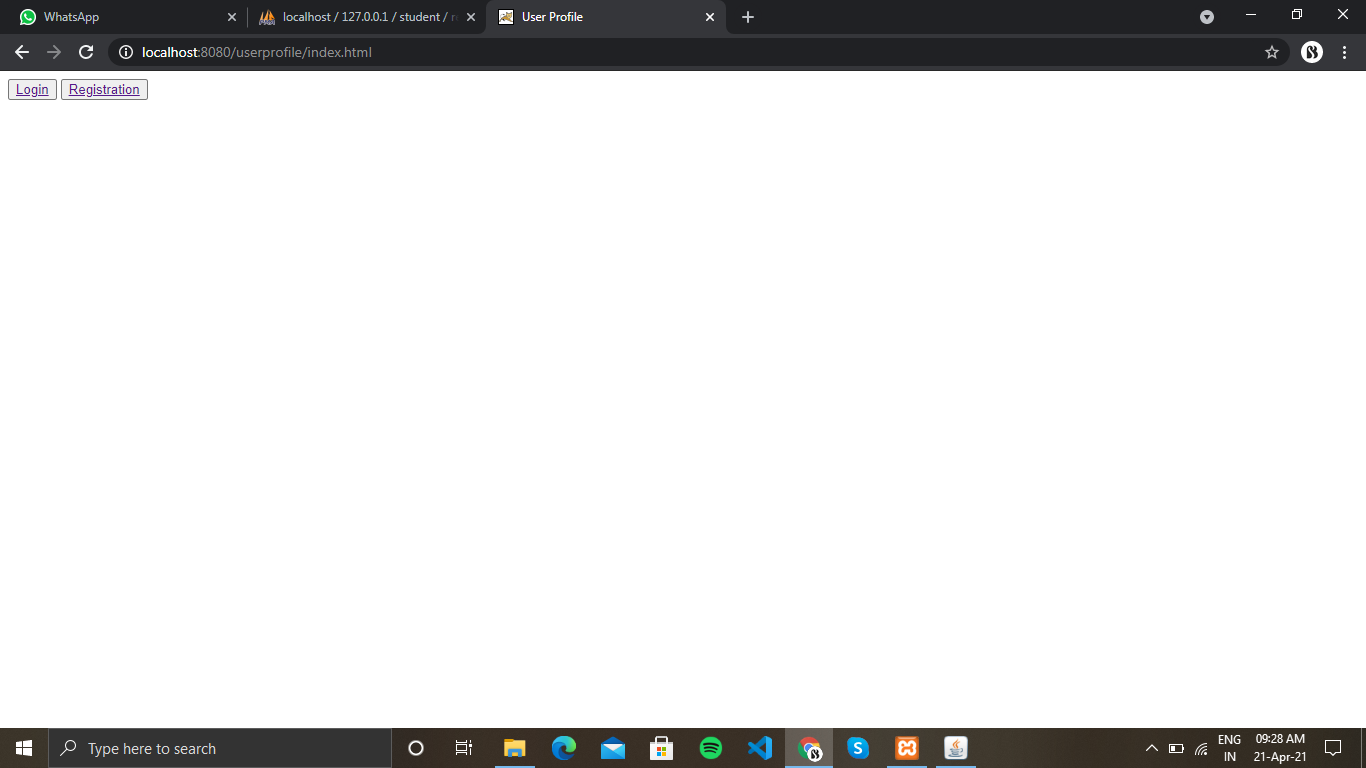
catch(Exception e){

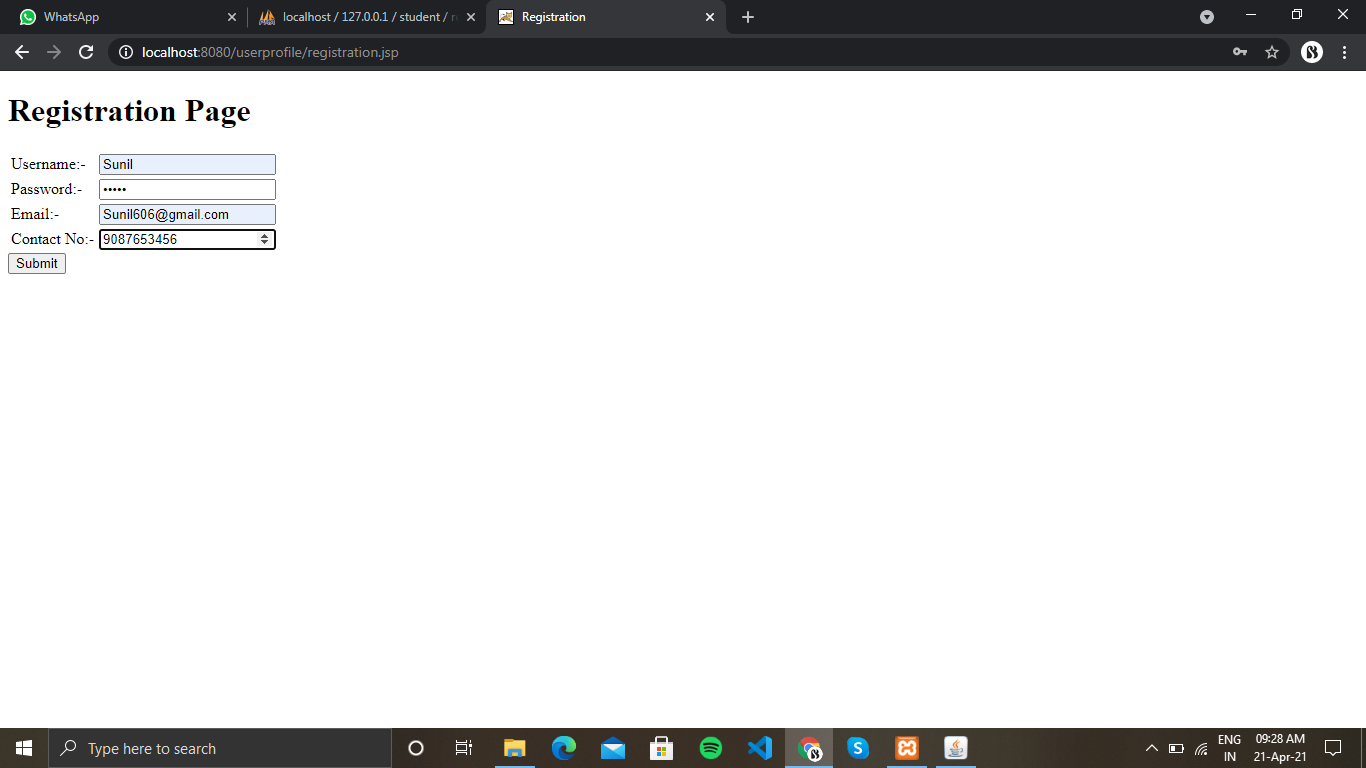
out.println(e);

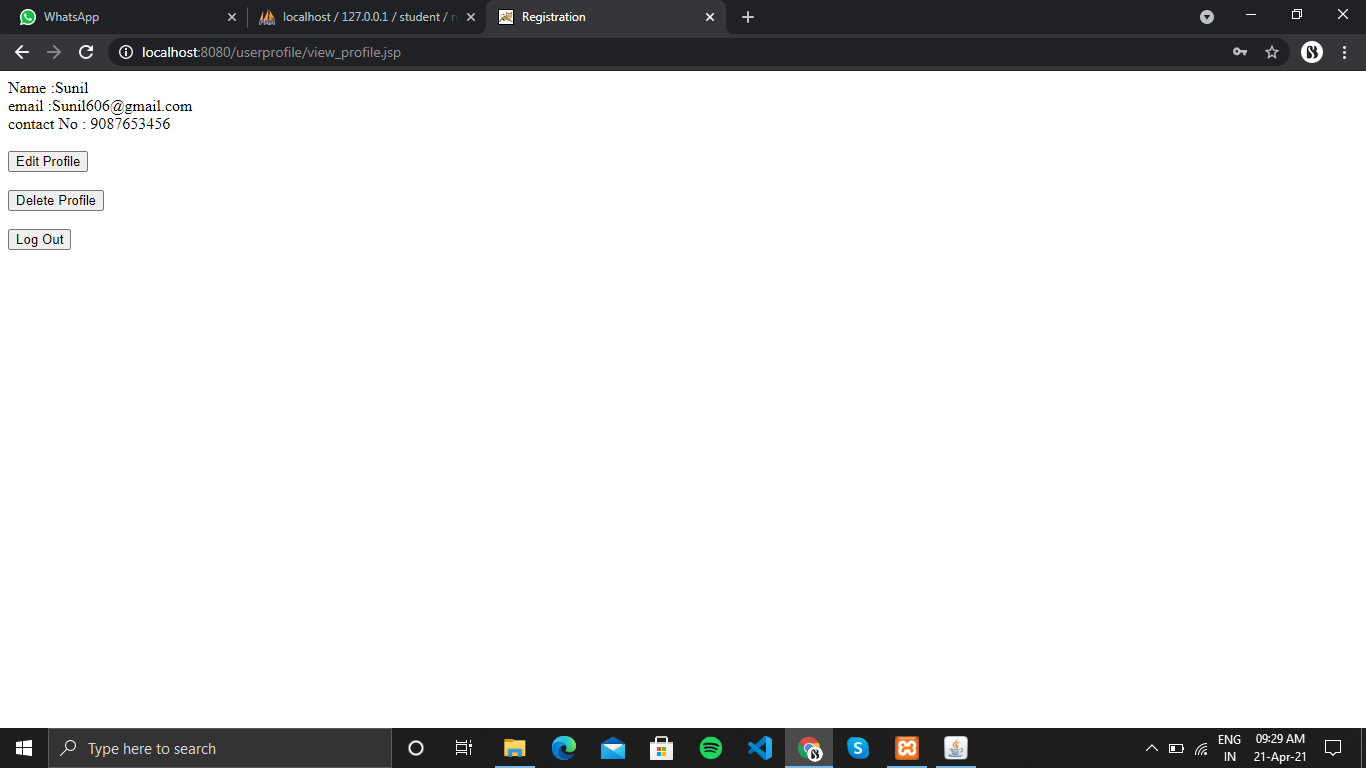
}

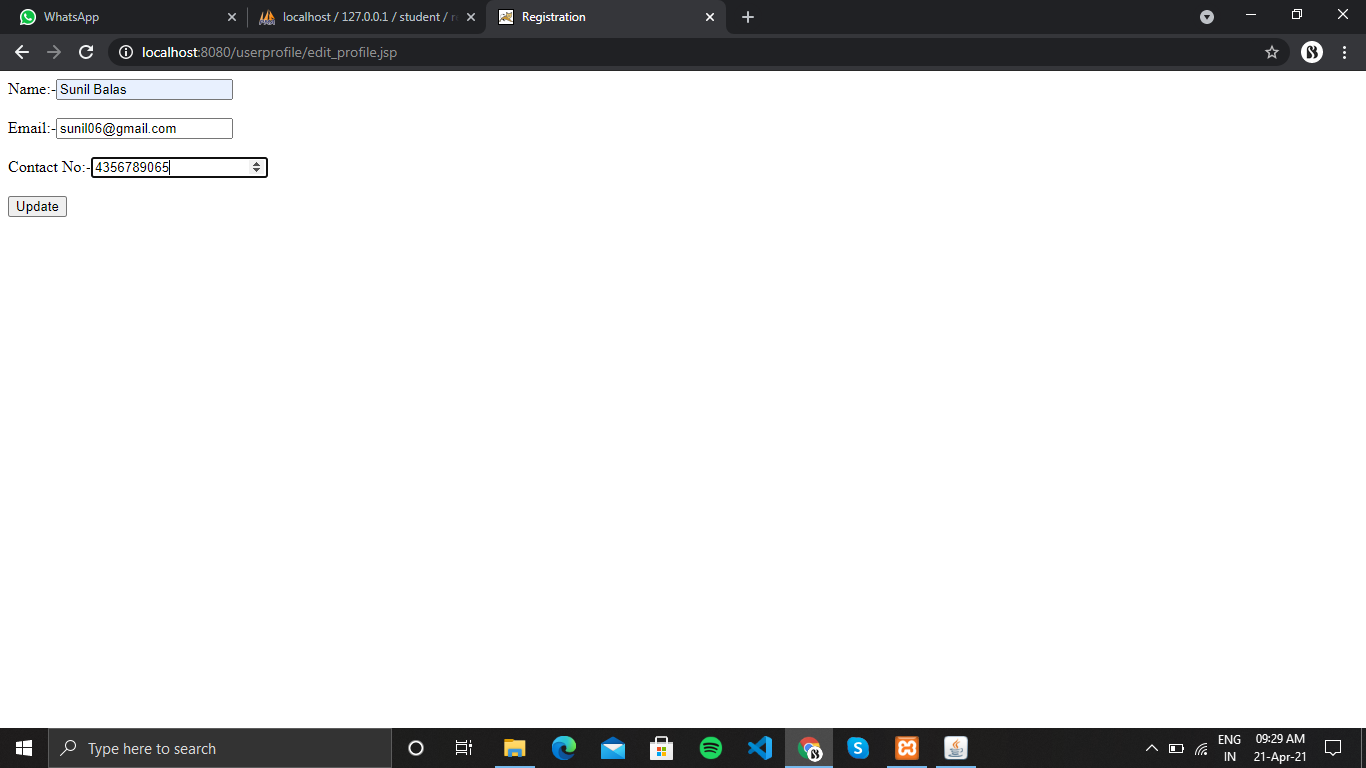
%>

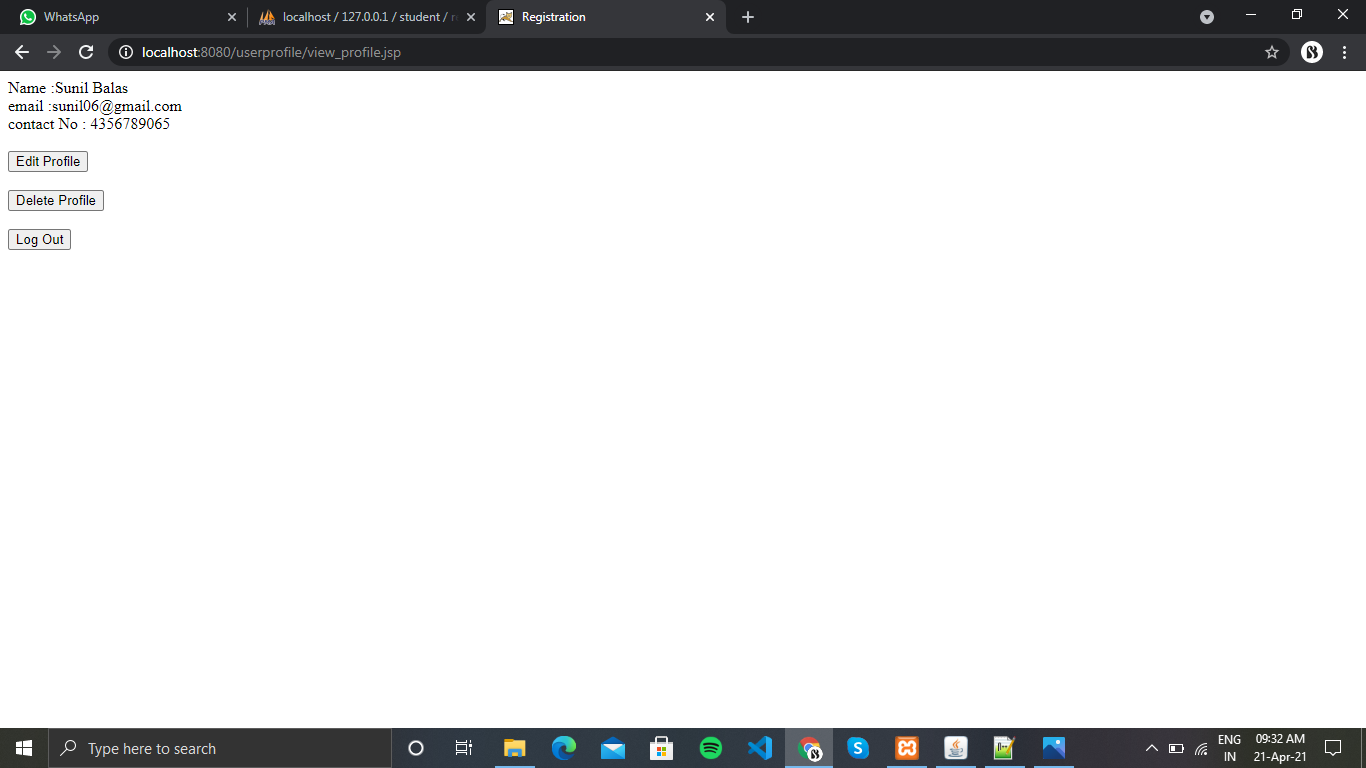
* **Output :**

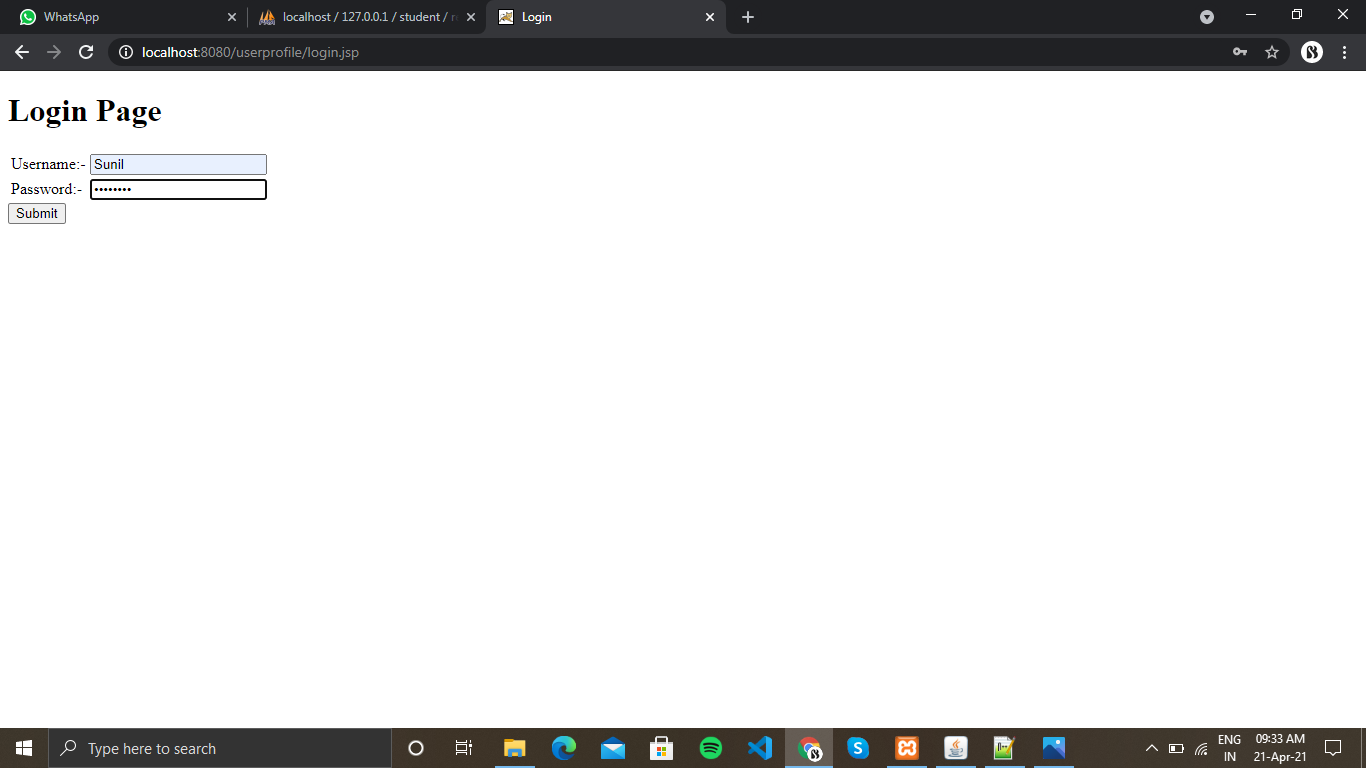
****

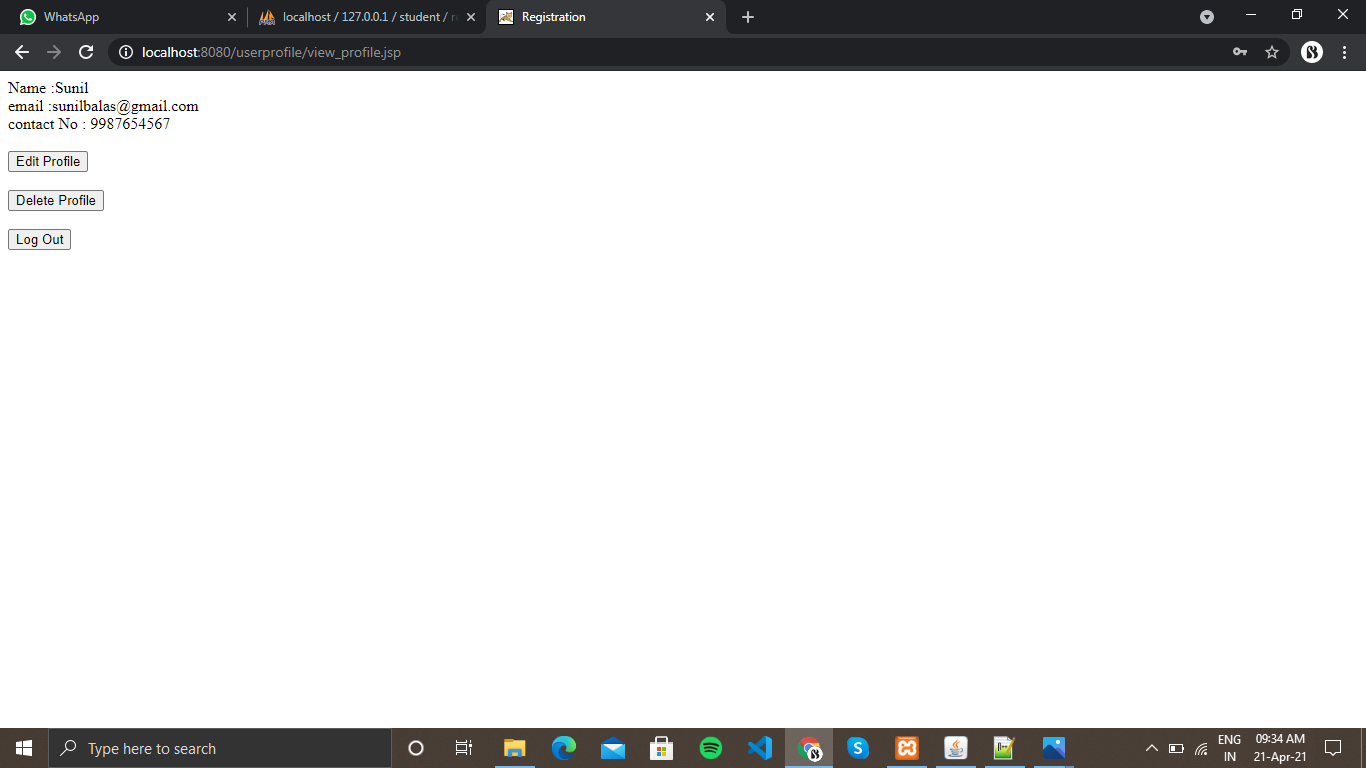
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