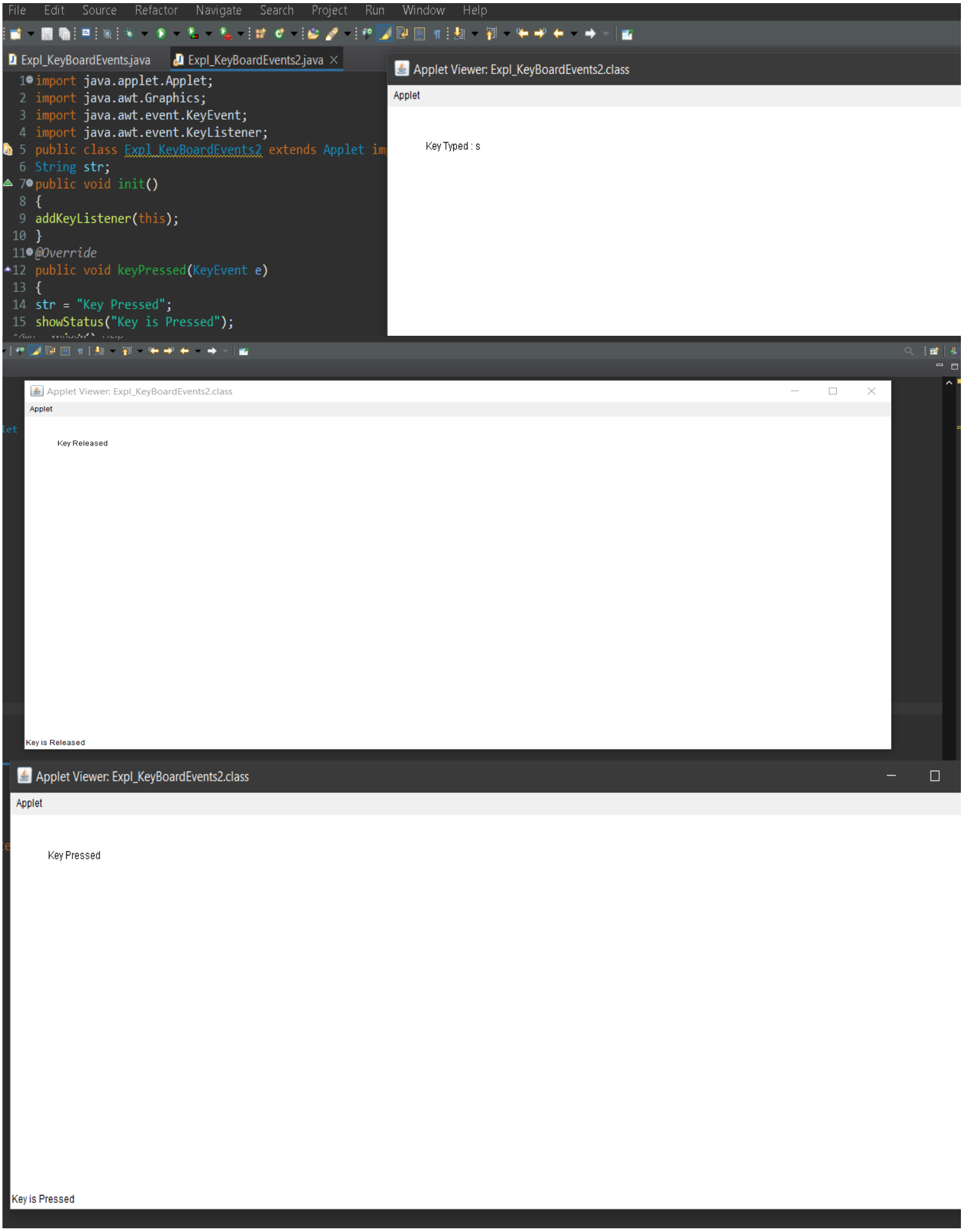
Catalog

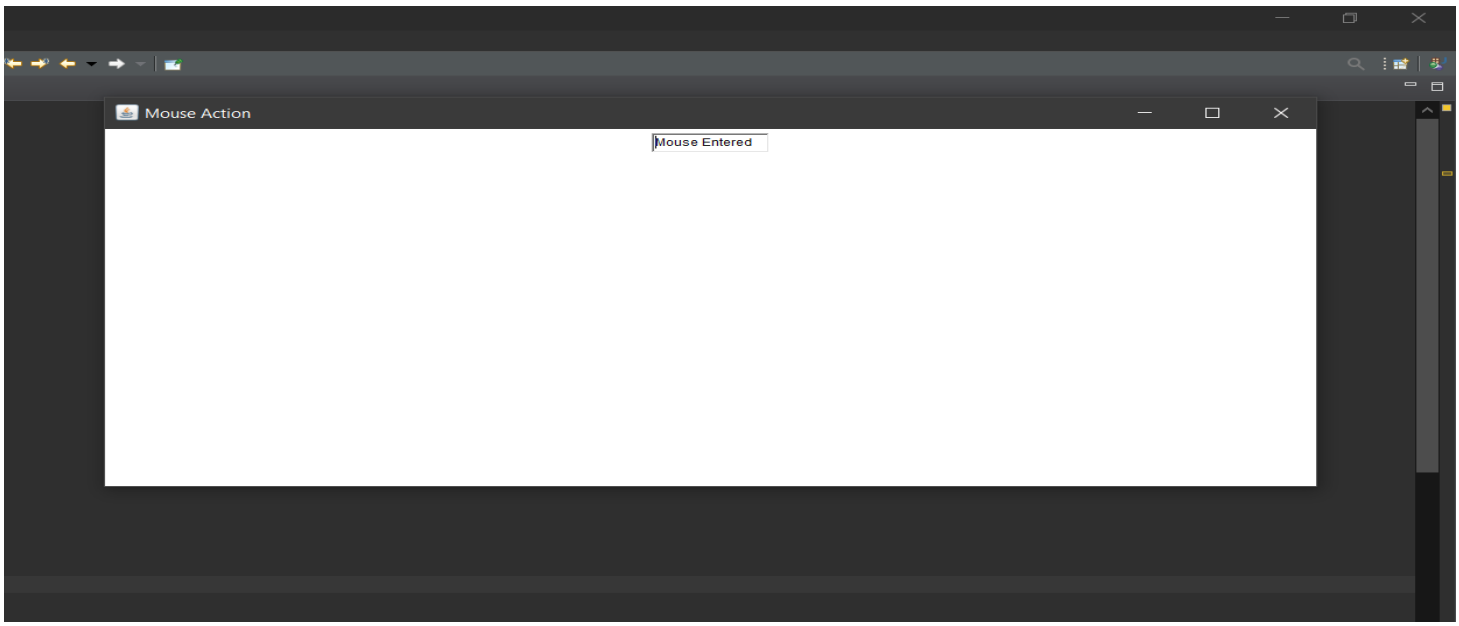
exp1 1
exp2 3
exp3 6
exp4 10
exp5 12
exp6 15
exp7 16
exp8 19
exp9 22
exp10 23
exp11 26

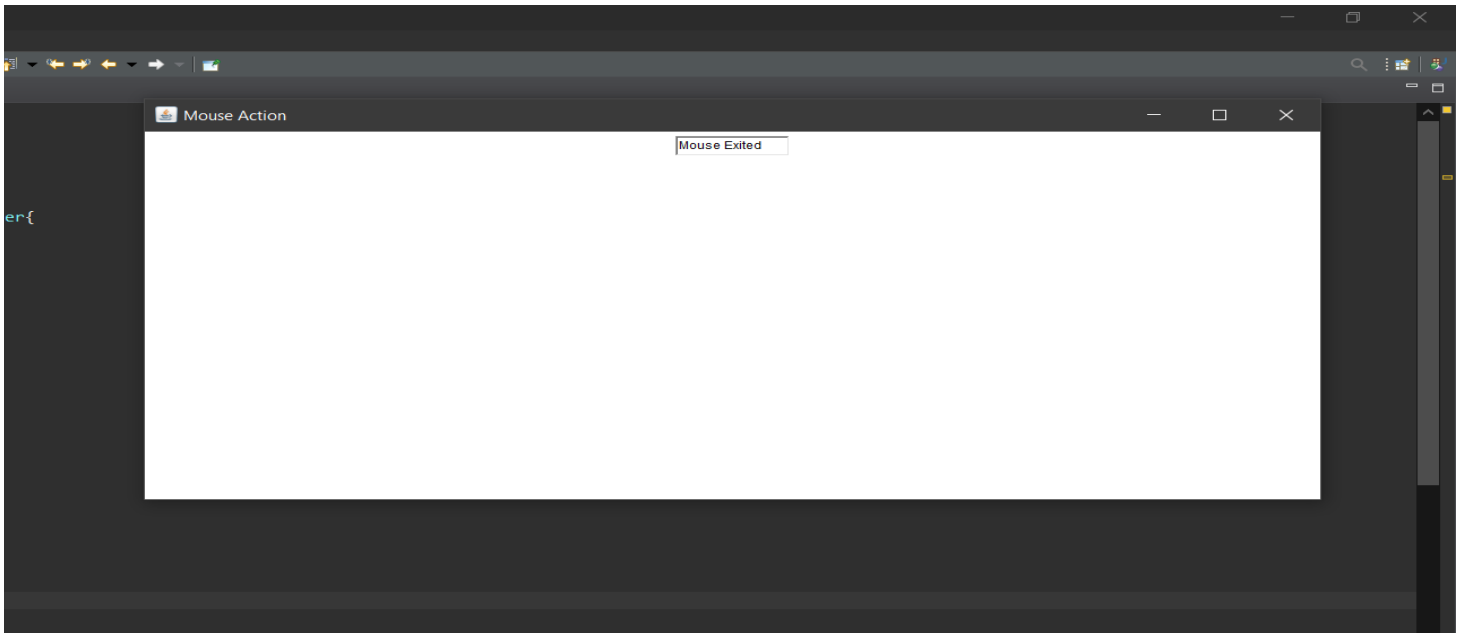
```
//Aditya Chavhan
//304D016


import java.applet.Applet;
import java.awt.Graphics;
import java.awt.event.KeyEvent;
import java.awt.event.KeyListener;
public class Expl_KeyBoardEvents2 extends Applet implements KeyListener {
String str;
public void init()
{
addKeyListener(this);
}
@Override
public void keyPressed(KeyEvent e)
{
str = "Key Pressed";
showStatus("Key is Pressed");
repaint();
}
@Override
public void keyReleased(KeyEvent e)
{ str = "Key Released";
showStatus("Key is Released");
repaint();
}
@Override
public void keyTyped(KeyEvent e)
{
char key = e.getKeyChar();
str = "Key Typed : " ;
str+= key;
showStatus("Key is Typed");
repaint();
}
public void paint(Graphics g)
{
g.drawString(str, 50, 50);
}
}
```

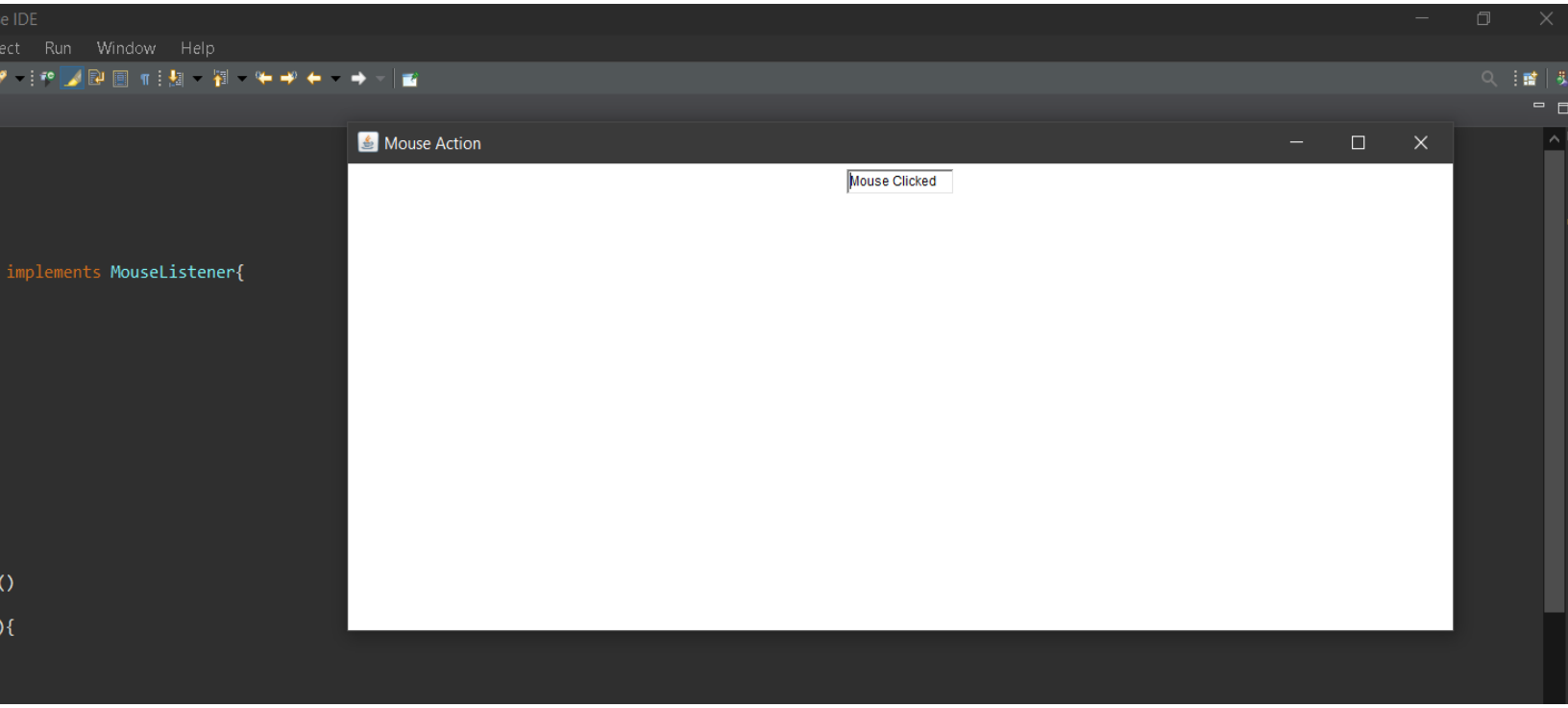

File Edit Source Refactor Navigate Search Project Run Window Help
Expl_KeyBoardEvents.java
Expl_KeyBoardEvents2.java
1 import java.applet.Applet;
2 import java.awt.Graphics;
3 import java.awt.event.KeyEvent;
4 import java.awt.event.KeyListener;
5 public class Expl_KeyBoardEvents2 extends Applet im
6 String str;
7 public void init()
8 {
9 addKeyListener(this);
10 }
11 @Override
12 public void keyPressed(KeyEvent e)
13 {
14 str = "Key Pressed";
15 showStatus("Key is Pressed");
Applet Viewer: Expl_KeyBoardEvents2.class
Applet
Key Typed : s
Applet Viewer: Expl_KeyBoardEvents2.class
Applet
Key Released
Key is Released
Applet Viewer: Expl_KeyBoardEvents2.class
Applet
Key Pressed
Key is Pressed

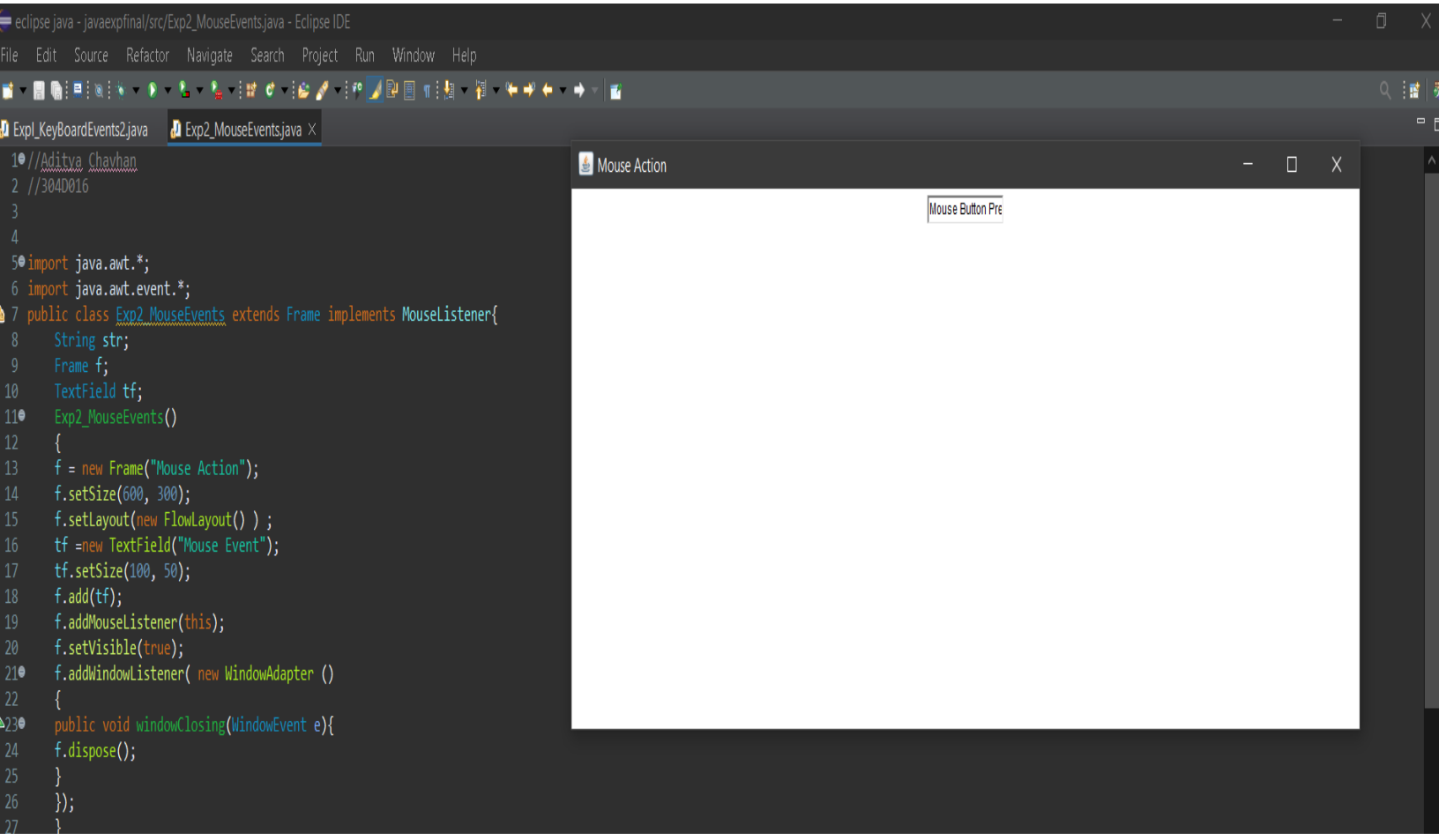
```
//Aditya Chavhan
//304D016


import java.awt.*;
import java.awt.event.*;
public class Exp2_MouseEvents extends Frame implements MouseListener{
        String str;
        Frame f;
        TextField tf;
        Exp2_MouseEvents()
        {
        f = new Frame("Mouse Action");
        f.setSize(600, 300);
        f.setLayout(new FlowLayout() ) ;
        tf =new TextField("Mouse Event");
        tf.setSize(100, 50);
        f.add(tf);
        f.addMouseListener(this);
        f.setVisible(true);
        f.addWindowListener( new WindowAdapter ()
        {
        public void windowClosing(WindowEvent e){
        f.dispose();
        }
        });
        }
        @Override
        public void mouseClicked(MouseEvent arg0)
        {
        str="Mouse Clicked";
        tf.setText(str);
        }
        @Override
        public void mouseEntered(MouseEvent arg0)
        {
        str="Mouse Entered";
        tf.setText(str);
        }
        @Override
        public void mouseExited(MouseEvent arg0)
        {
        str="Mouse Exited";
        tf.setText(str);
        }
        @Override
        public void mousePressed(MouseEvent arg0)
        {
        str="Mouse Button Pressed";
        tf.setText(str);
```

```
}
@Override
public void mouseReleased(MouseEvent arg0){
str="Mouse Button Released";
tf.setText(str);
}
public static void main(String [] args)
{
Exp2_MouseEvents obj = new Exp2_MouseEvents();
}
}
```






e IDE
ect Run Window Help
Mouse Action
Mouse Clicked
implements MouseListener{
()
){

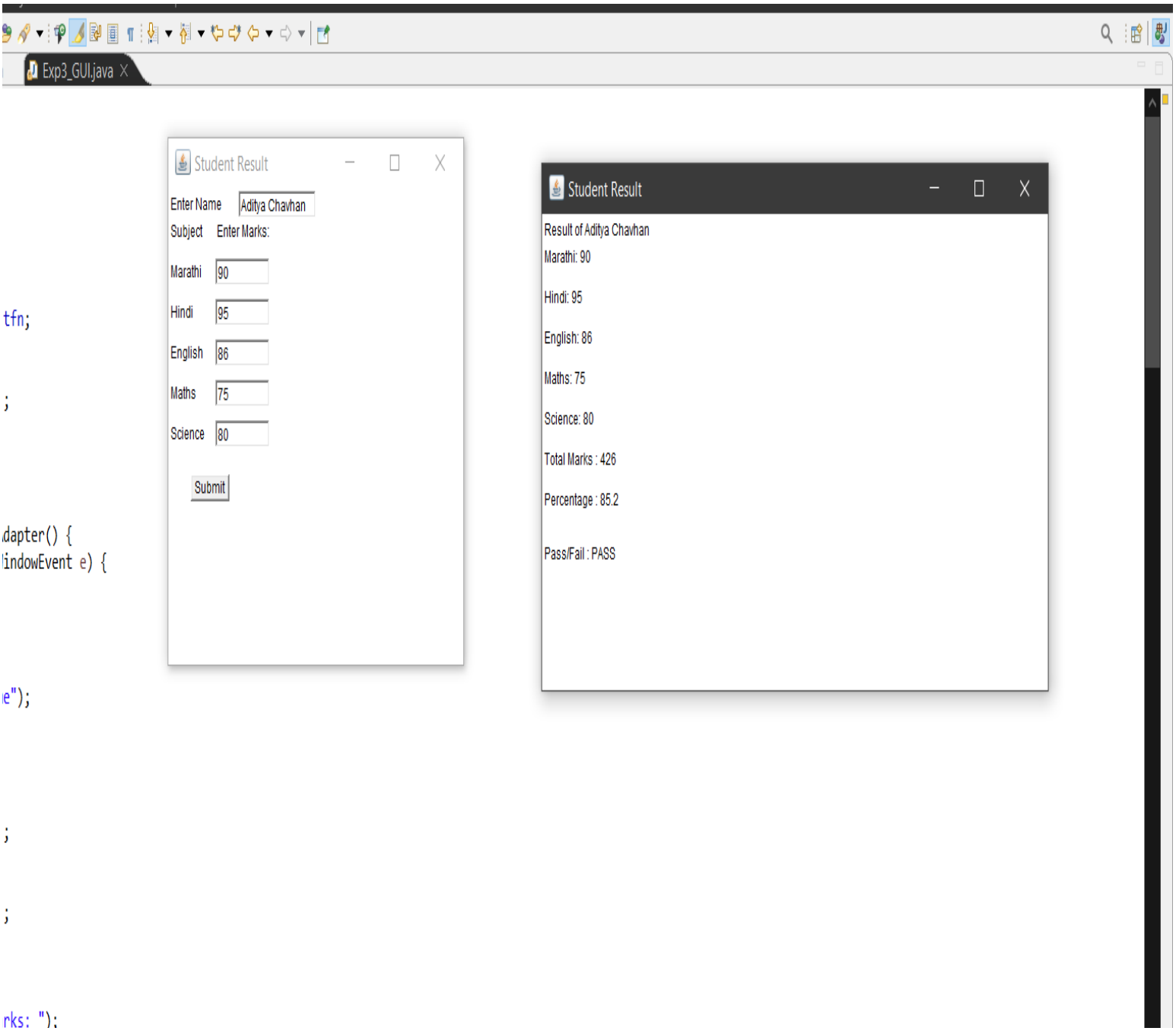

eclipse java - javaexpfinal/src/Exp2_MouseEvents.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Expl_KeyBoardEvents2.java
Exp2_MouseEvents.java
Mouse Action
Mouse Button Pre
//Aditya Chavhan
//304D016
import java.awt.*;
import java.awt.event.*;
public class Exp2_MouseEvents extends Frame implements MouseListener{
String str;
Frame f;
TextField tf;
Exp2_MouseEvents()
{
f = new Frame("Mouse Action");
f.setSize(600, 300);
f.setLayout(new FlowLayout()) ;
tf =new TextField("Mouse Event");
tf.setSize(100, 50);
f.add(tf);
f.addMouseListener(this);
f.setVisible(true);
f.addWindowListener(new WindowAdapter ()
{
public void windowClosing(WindowEvent e){
f.dispose();
}
});
}

```
//Aditya Chavhan
//304D016

import java.awt.*;
import java.awt.event.*;

public class Exp3_GUI {
        Frame f, f2;
        TextField tf1, tf2, tf3, tf4, tf5, tfn;

        public Exp3_GUI() {
                f = new Frame("Student Result");
                f.setLayout(null);
                f.setSize(400, 400);
                f.setVisible(true);

                f.addWindowListener(new WindowAdapter() {
                        public void windowClosing(WindowEvent e) {
                                f.dispose();
                        }
                });

                Label ln = new Label("Enter Name");
                ln.setBounds(10, 40, 90, 20);
                f.add(ln);

                tfn = new TextField();
                tfn.setBounds(100, 40, 100, 20);
                f.add(tfn);

                Label l1 = new Label("Subject");
                l1.setBounds(10, 60, 50, 20);
                f.add(l1);

                Label l11 = new Label("Enter Marks: ");
                l11.setBounds(70, 60, 70, 20);
                f.add(l11);

                Label l12 = new Label("Marathi");
                l12.setBounds(10, 90, 60, 20);
                f.add(l12);

                tf1 = new TextField();
                tf1.setBounds(70, 90, 70, 20);
                f.add(tf1);

                Label l13 = new Label("Hindi");
                l13.setBounds(10, 120, 60, 20);
                f.add(l13);
```

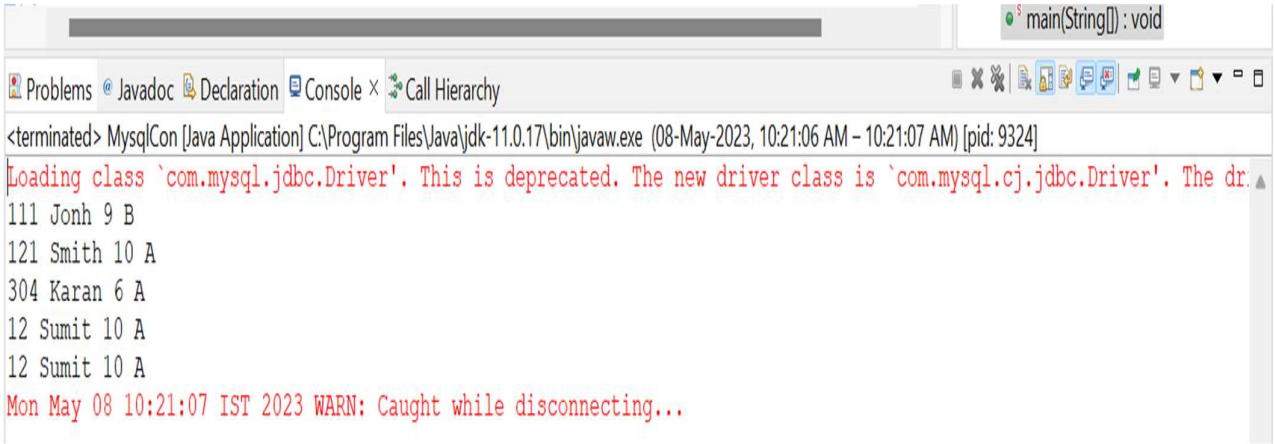
```
tf2 = new TextField();
tf2.setBounds(70, 120, 70, 20);
f.add(tf2);

Label l14 = new Label("English");
l14.setBounds(10, 150, 60, 20);
f.add(l14);

tf3 = new TextField();
tf3.setBounds(70, 150, 70, 20);
f.add(tf3);

Label l15 = new Label("Maths");
l15.setBounds(10, 180, 60, 20);
f.add(l15);

tf4 = new TextField();
tf4.setBounds(70, 180, 70, 20);
f.add(tf4);

Label l16 = new Label("Science");
l16.setBounds(10, 210, 60, 20);
f.add(l16);

tf5 = new TextField();
tf5.setBounds(70, 210, 70, 20);
f.add(tf5);

Button b = new Button("Submit");
b.setBounds(38, 250, 50, 20);
f.add(b);

b.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arge) {
                f2 = new Frame("Student Result");
                f2.setLayout(null);
                f2.setSize(250, 400);
                f2.setVisible(true);

                f2.addWindowListener(new WindowAdapter() {
                        public void windowClosing(WindowEvent e) {
                                f2.dispose();
                        }
                });

                Label lb = new Label("Result of " + tfn.getText());
                lb.setBounds(10, 40, 200, 20);
                f2.add(lb);

                int s1 = Integer.parseInt(tf1.getText());
```

```
int s2 = Integer.parseInt(tf2.getText());
int s3 = Integer.parseInt(tf3.getText());
int s4 = Integer.parseInt(tf4.getText());
int s5 = Integer.parseInt(tf5.getText());

Label l17 = new Label("Marathi: " + s1);
l17.setBounds(10, 60, 90, 20);
f2.add(l17);

Label l18 = new Label("Hindi: " + s2);
l18.setBounds(10, 90, 90, 20);
f2.add(l18);

Label l19 = new Label("English: " + s3);
l19.setBounds(10, 120, 90, 20);
f2.add(l19);

Label l20 = new Label("Maths: " + s4);
l20.setBounds(10, 150, 90, 20);
f2.add(l20);

Label l21 = new Label("Science: " + s5);
l21.setBounds(10, 180, 90, 20);
f2.add(l21);

int sum = s1 + s2 + s3 + s4 + s5;
float pctg = (float) sum / 5;

Label l22 = new Label("Total Marks : " + sum);
l22.setBounds(10, 210, 100, 20);
f2.add(l22);
Label l23 = new Label("Percentage : " + pctg);
l23.setBounds(10, 240, 100, 20);
f2.add(l23);

String str;
if (pctg >= 35) {
        str = "PASS";
} else {
        str = "FAIL";
}

Label l24 = new Label("Pass/Fail : " + str);
l24.setBounds(10, 280, 100, 20);
f2.add(l24);  }

        });
}

public static void main(String[] args) {
```

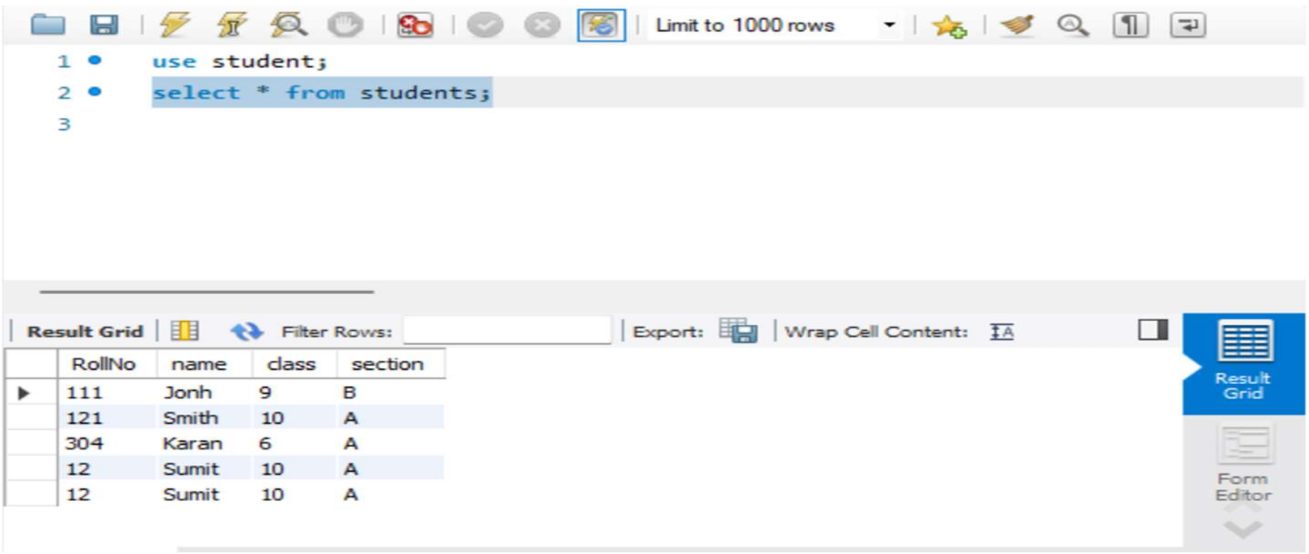
```
        Exp3_GUI ex = new Exp3_GUI();

                }
        }
```



```
//Aditya Chavhan
//304D016


import java.sql.Connecon;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

public class SQLPreparedStatementInsert {
public static void main(String[] args) {
try{
Class.forName("com.mysql.jdbc.Driver");
Connection con=DriverManager.getConnection(
"jdbc:mysql://localhost:3306/student","root","root");
PreparedStatement stmt = con.prepareStatement("insert into students values
(?,?,?,?)");
stmt.setInt(1,12);
stmt.setString(2,"Sumit");
stmt.setInt(3,10);
stmt.setString(4,"A");
int j = stmt.executeUpdate();
System.out.println(j + "Records inserted..");
con.close();
}
catch(Excepon e)
{
System.out.println(e);
}
}
}
```

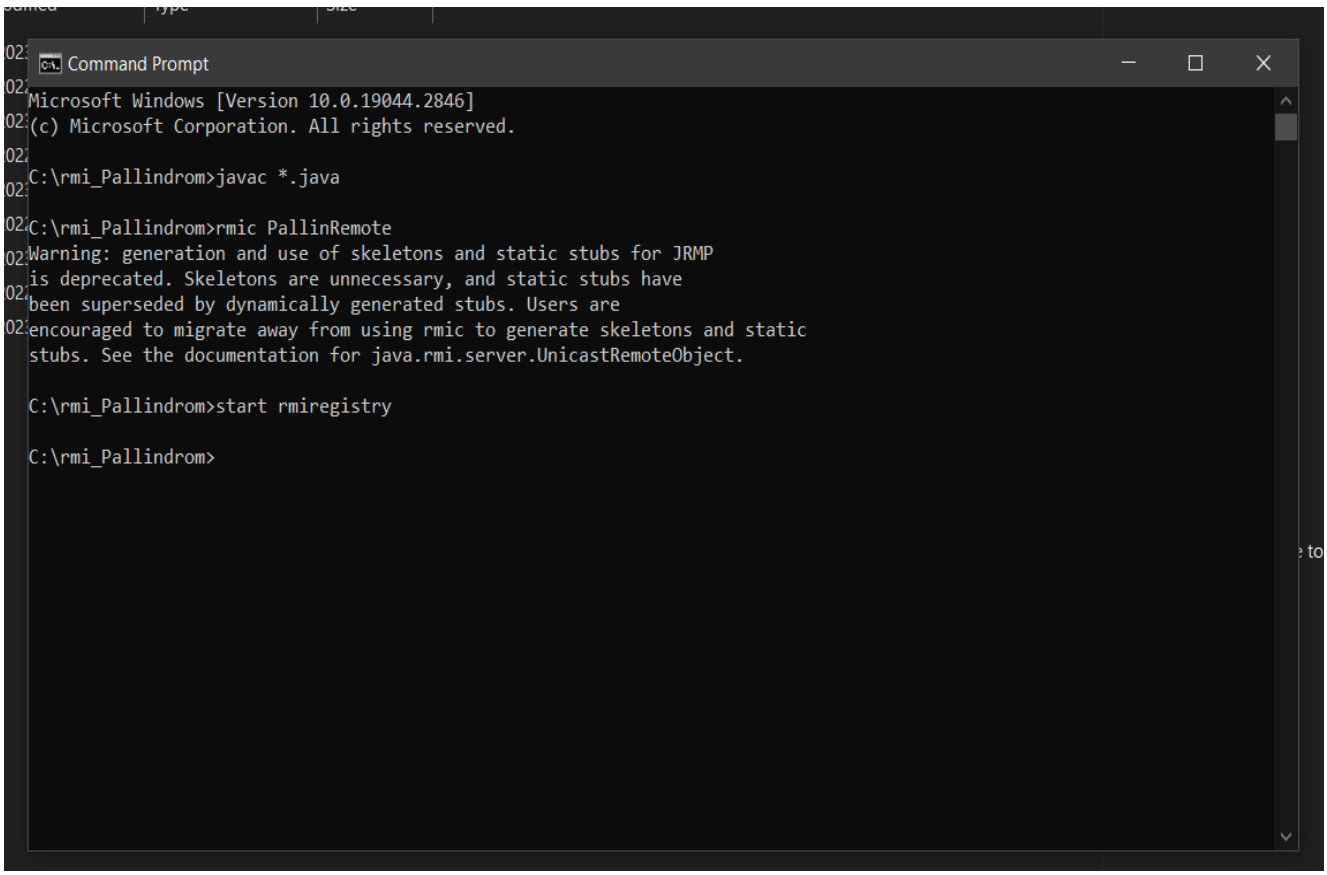


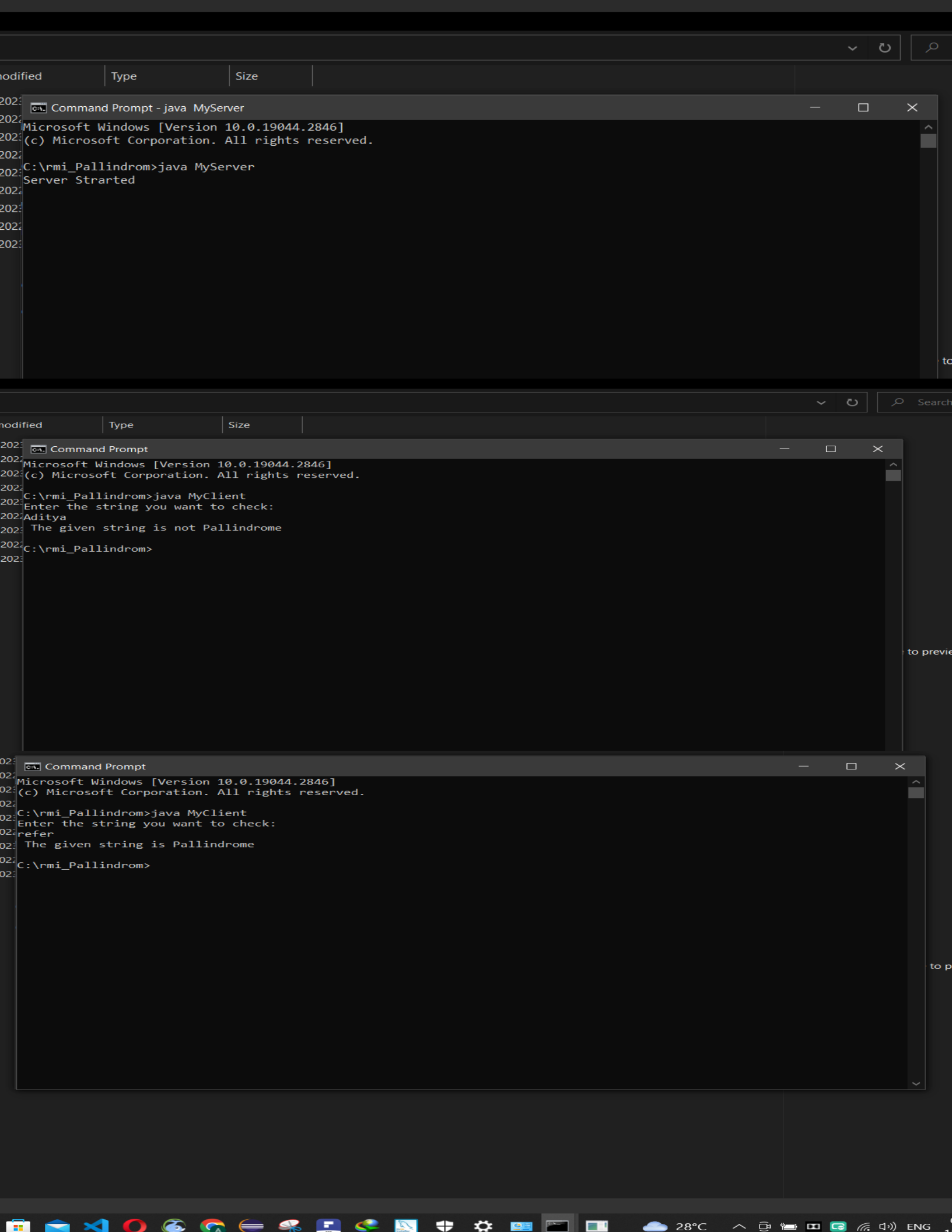
```
//Aditya Chavhan
//304D016

import java.sql.*;

class MysqlCon

{

public static void main(String args[])

{

try

{

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

Connection con=DriverManager.getConnection(

"jdbc:mysql://localhost:3306/student?characterEncoding=latin1","root","aditya");

Statement stmt=con.createStatement();

ResultSet rs=stmt.executeQuery("select * from info");

while(rs.next())

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)+"
"+rs.getString(4));

con.close();

}catch(Exception e){ System.out.println(e);}

}

}
```



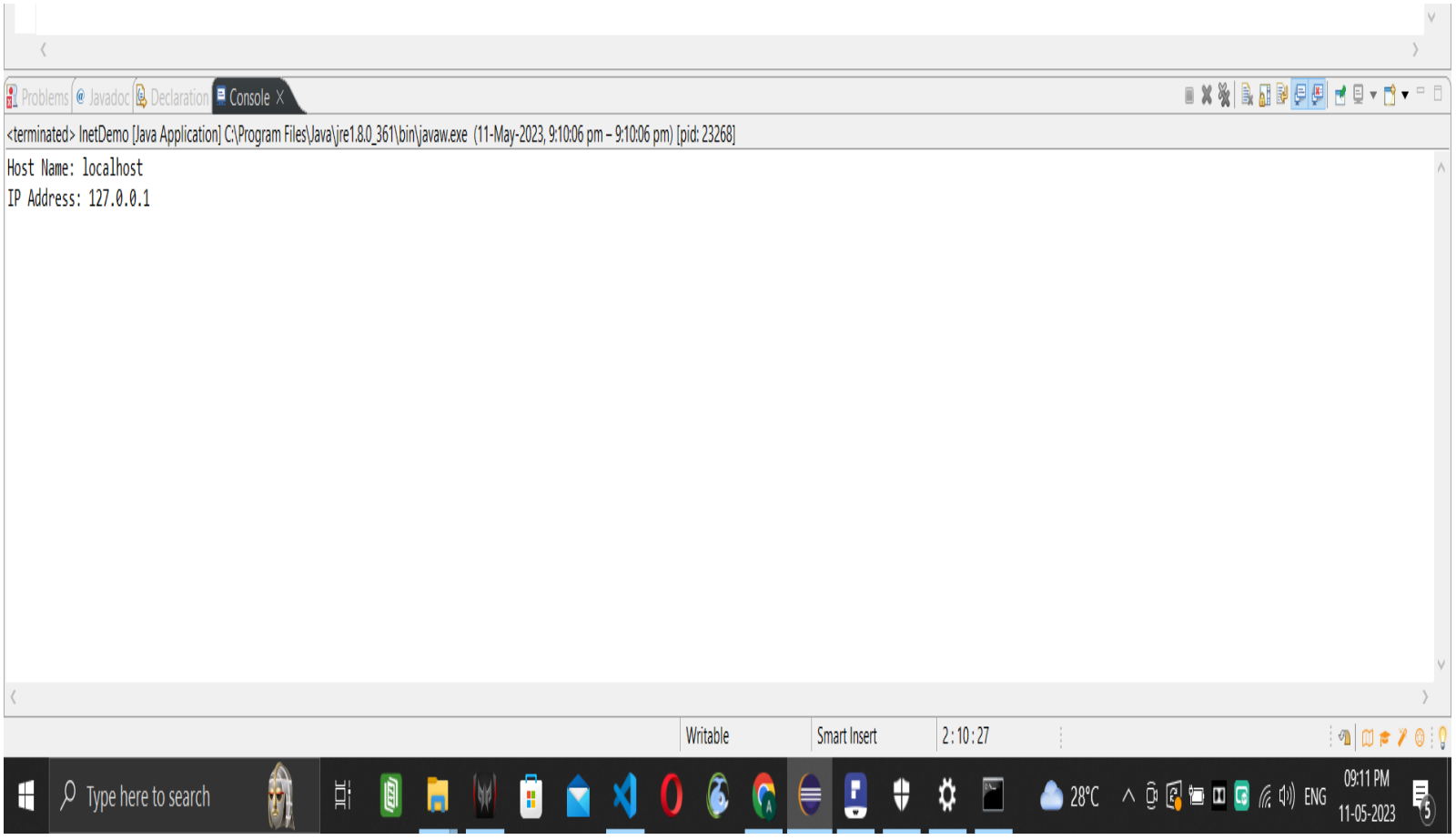
```
//Aditya Chavhan
//304D016

//Clinet class
import java.util.Scanner;
import java.rmi.*;

public class MyClient{
public static void main(String args[]){
try{
Pallin stub=(Pallin)Naming.lookup("PAL");
Scanner s = new Scanner(System.in);
System.out.println("Enter the string you want to check:");
        String a = s.nextLine();

if (stub.pallindrome(a)==true)
{
 System.out.println(" The given string is Pallindrome");
}
else
{
System.out.println(" The given string is not Pallindrome");
}
}catch(Exception e){}
}
}

//Server Class

import java.rmi.*;
import java.rmi.registry.*;

public class MyServer{
public static void main(String args[]){
try{
Pallin stub=new PallinRemote();
Naming.rebind("PAL", stub);
System.out.println("Server Strarted");
}catch(Exception e){System.out.println(e);}
}
}

//Pallin Class

import java.rmi.*;

public interface Pallin extends Remote{
public boolean pallindrome(String s)throws RemoteException;
}
```

```
//PallinRemote class

import java.util.Scanner;
import java.rmi.*;
import java.rmi.server.*;

public class PallinRemote extends UnicastRemoteObject implements Pallin {
        PallinRemote() throws RemoteException {
                super();
        }

        public boolean pallindrome(String s) {
                String a, b = "";
                boolean status = false;
                a = s;

                int n = a.length();
                for (int i = n - 1; i >= 0; i--) {
                        b = b + a.charAt(i);
                }
                if (a.equalsIgnoreCase(b)) {
                        return true;
                } else {
                        return false;
                }

        }
}
```




Command Prompt - java MyServer
Microsoft Windows [Version 10.0.19044.2846]
(c) Microsoft Corporation. All rights reserved.
C:\rmi_Pallindrom>java MyServer
Server Strarted
Command Prompt
Microsoft Windows [Version 10.0.19044.2846]
(c) Microsoft Corporation. All rights reserved.
C:\rmi_Pallindrom>java MyClient
Enter the string you want to check:
Aditya
The given string is not Pallindrome
C:\rmi_Pallindrom>
Command Prompt
Microsoft Windows [Version 10.0.19044.2846]
(c) Microsoft Corporation. All rights reserved.
C:\rmi_Pallindrom>java MyClient
Enter the string you want to check:
refer
The given string is Pallindrome
C:\rmi_Pallindrom>

```
//Aditya Chavhan
//304D016


import java.io.*;
import java.net.*;
public class InetDemo{
public static void main(String[] args)
{
try{
InetAddress ip=InetAddress.getByName("localhost");

System.out.println("Host Name: "+ip.getHostName());
System.out.println("IP Address: "+ip.getHostAddress());
}catch(Exception e){System.out.println(e);}
}
}
```

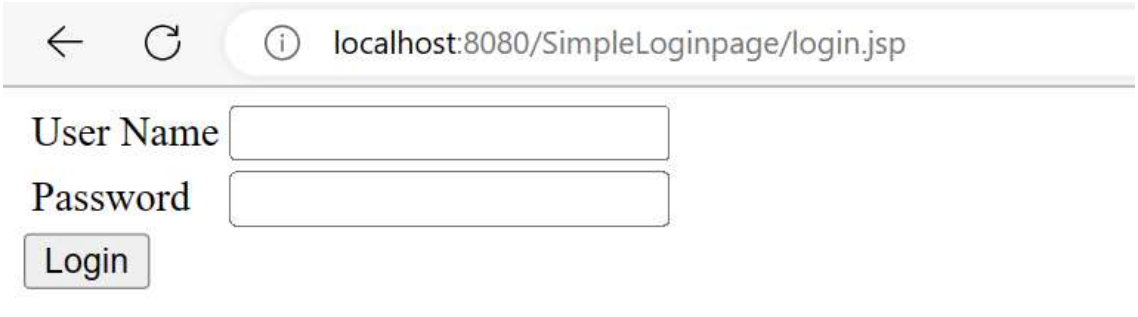


```
//Aditya Chavhan
//304D016

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class LoginCheck
 */
@WebServlet("/LoginCheck")
public class LoginCheck extends HttpServlet {
        private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginCheck() {
        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 user=request.getParameter("uname");
                String pass=request.getParameter("password");

                if(user.equals("java4s")&&pass.equals("java4s"))
                response.sendRedirect("member.jsp");

                else
               response.sendRedirect("member.jsp");
```

```
        }

}


//login


<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="loginCheck" method="post">
<table>
<tr>
  <td>User Name</td>
  <td><input type="text" name="uname"></td>
</tr>
<tr>
  <td>Password</td>
  <td><input type="password" name="password"></td>
</tr>
</table>
  <input type="submit" value="Login">
</form>
</body>
</html>



//member

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
Wlecome your loged in
</body>
</html>
```

//error

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
login unsuccessfull
</body>
</html>
```



Wlecome your loged in

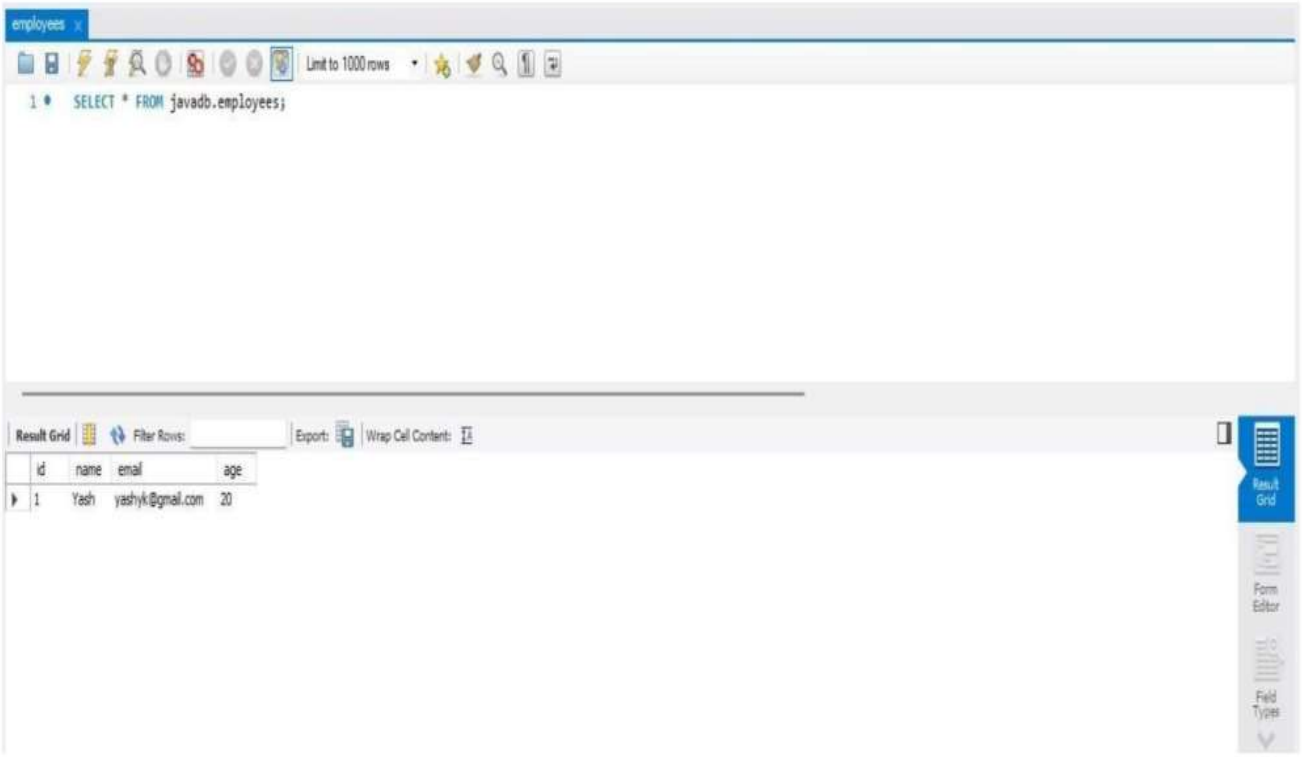
login unsuccessfull

```
//Aditya Chavhan
//304D016

//Exp 8

import java.io.*;
import java.sql.*;

public class CrudOperaons {
stac final
String JDBC_DRIVER = "com.mysql.cj.jdbc.Driver";
stac final
String DB_URL = "jdbc:mysql://localhost/javadb";
stac final
String USER = "root";
stac final
String PASS = "yash25";

public stac void main(String[] args) {
Connecon conn = null;
Statement stmt = null;
try {
// Register JDBC driver
Class.forName(JDBC_DRIVER);
// Open a connecon
conn = DriverManager.getConnecon(DB_URL, USER, PASS);
// Execute a query stmt =
conn.createStatement();
// Switch case to perform CRUD operaons
int choice = 0; while (true) {
System.out.println("\n1. Create\n2. Read\n3. Update\n4.
Delete\n5. Exit\n");
System.out.print("Enter your choice: "); try {
choice = Integer.parseInt(new BufferedReader(new
InputStreamReader(System.in)).readLine());
} catch (Excepon e) {
System.out.println("Invalid input. Please try again.");
connue;
}
switch (choice) { case 1:
// Create operaon
String insertQuery = "INSERT INTO employees VALUES (1,
'Yash', 'yashyk@gmail.com',20 )"; int rowsInserted =
stmt.executeUpdate(insertQuery); if (rowsInserted >
0) {
System.out.println("Record inserted successfully.");
} break;
case 2:
// Read operaon
String selectQuery = "SELECT * FROM employees";
```

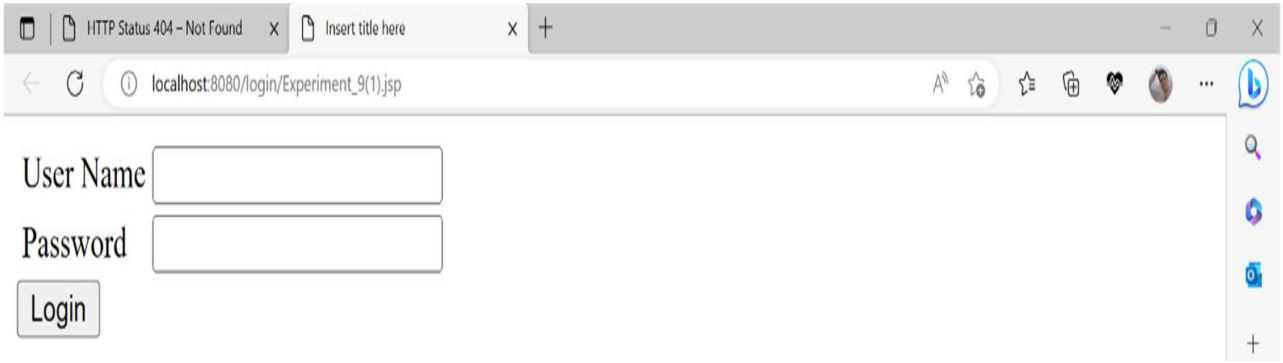
```
ResultSet rs = stmt.executeQuery(selectQuery);
while (rs.next()) {
int id = rs.getInt("id");
String name = rs.getString("name");
int age = rs.getInt("age"); int
salary = rs.getInt("salary");
System.out.println("ID: " + id + ", Name: " + name +
", Age: " + age + ", Salary: " + salary);
} break;
case 3:
// Update operaon
String updateQuery = "UPDATE employees SET salary =
60000 WHERE id = 1"; int rowsUpdated =
stmt.executeUpdate(updateQuery); if (rowsUpdated >
0) {
System.out.println("Record updated successfully.");
1";
} break;
case
4:
// Delete operaon
String deleteQuery = "DELETE FROM employees WHERE id =
int rowsDeleted = stmt.executeUpdate(deleteQuery); if
(rowsDeleted > 0) {
System.out.println("Record deleted successfully.");
} break;
case 5:
// Exit
System.out.println("Exing...");
break;
again.");
}
default:
System.out.println("Invalid choice. Please try
break;
if (choice == 5) {
break; }
}
} catch (SQLExcepon se) { se.printStackTrace();
} catch (Excepon e) { e.printStackTrace();
} finally { try { if
(stmt != null)
stmt.close();
} catch (SQLExcepon se2) {
} try { if (conn !=
null) conn.close();
} catch (SQLExcepon se) {
se.printStackTrace();
}
}
```

```
}
}
```


Markers
Properties
Servers
Data Source Explorer
Snippets
Terminal
Console
CrudOperations [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (22-Apr-2023, 9:33:53 pm) [pid: 9664]
Record inserted successfully.
1. Create
2. Read
3. Update
4. Delete
5. Exit
Enter your choice: 1

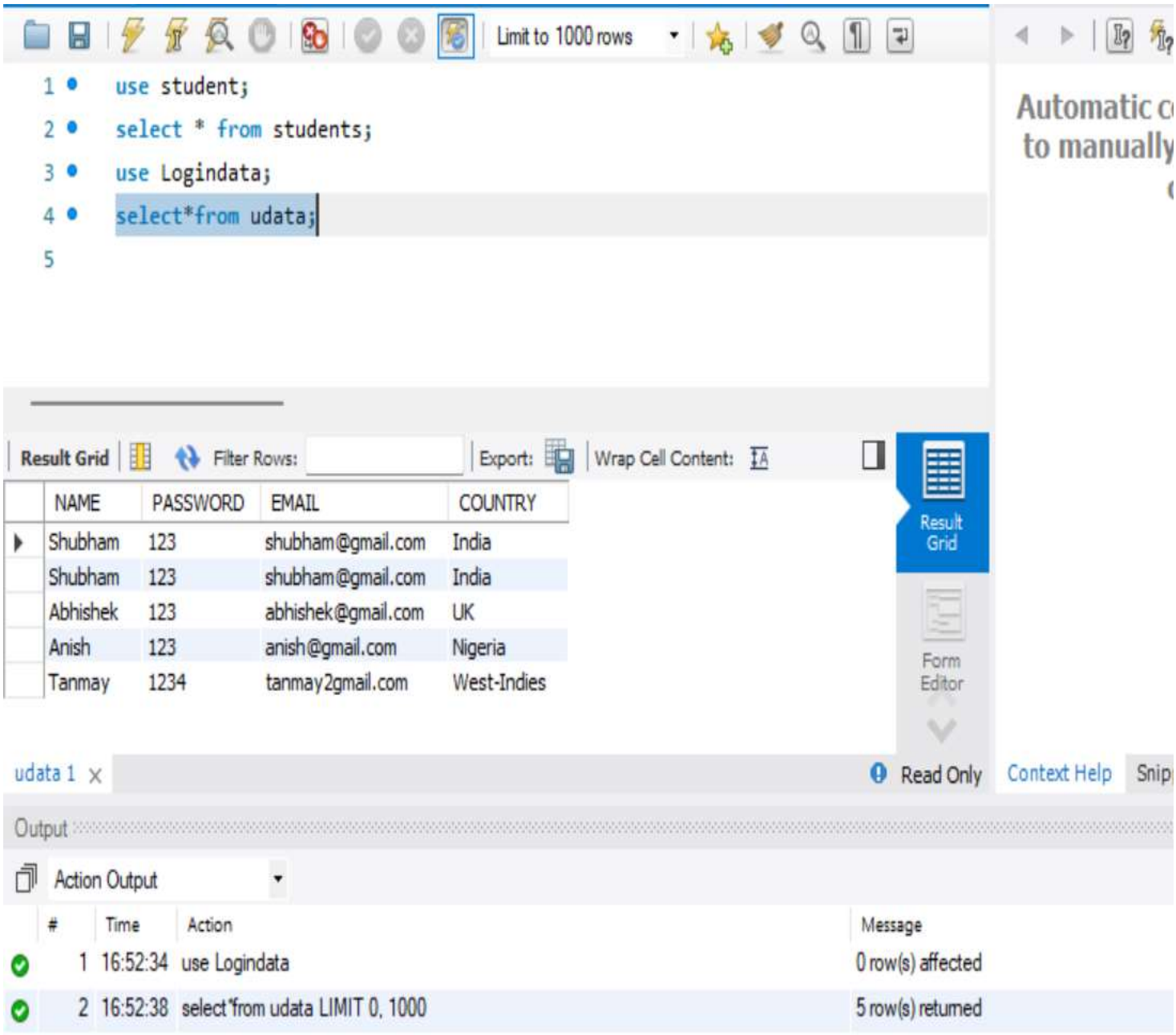

employees
Limit to 1000 rows
1 • SELECT * FROM javadb.employees;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
id
name
email
age
1
Yash
yashyk@gmail.com
20
Result Grid
Form Editor
Field Types

```
//Aditya Chavhan
//304D016

Exp 9
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1" %>
    <!DOCTYPE html>
    <html>

    <head>
        <meta charset="ISO-8859-1">
        <tle>Insert tle here</tle>
    </head>

    <body>
        <table>
            <tr>
                <td>User Name</td>
                <td><input type="text" name="uname"></td>
            </tr>
            <tr>
                <td>Password</td>
                <td><input type="password" name="password"></td>
            </tr>
        </table>
        <input type="submit" value="Login">
    </body>

    </html>
```



```
//Aditya Chavhan
//304D016

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<body>
    <form action="RegisterUser" method="post">

 <table>
   <tr>
      <td>User Name</td>
      <td><input type="text" name="userName"></td>
   </tr>
   <tr>
      <td>Password</td>
      <td><input type="password" name="password"></td>
     </tr>
    <tr>
    <td>Email Id</td>
    <td><input type="text" name="email"></td>
     </tr>
 </table> <br/>
Country: <select Name="country">
            <option>India</option>
            <option>UK</option>
            <option>US-East</option>
        </select> <br/>
       <input type="submit" value="Login">
 </form>
</body>
</html>
```

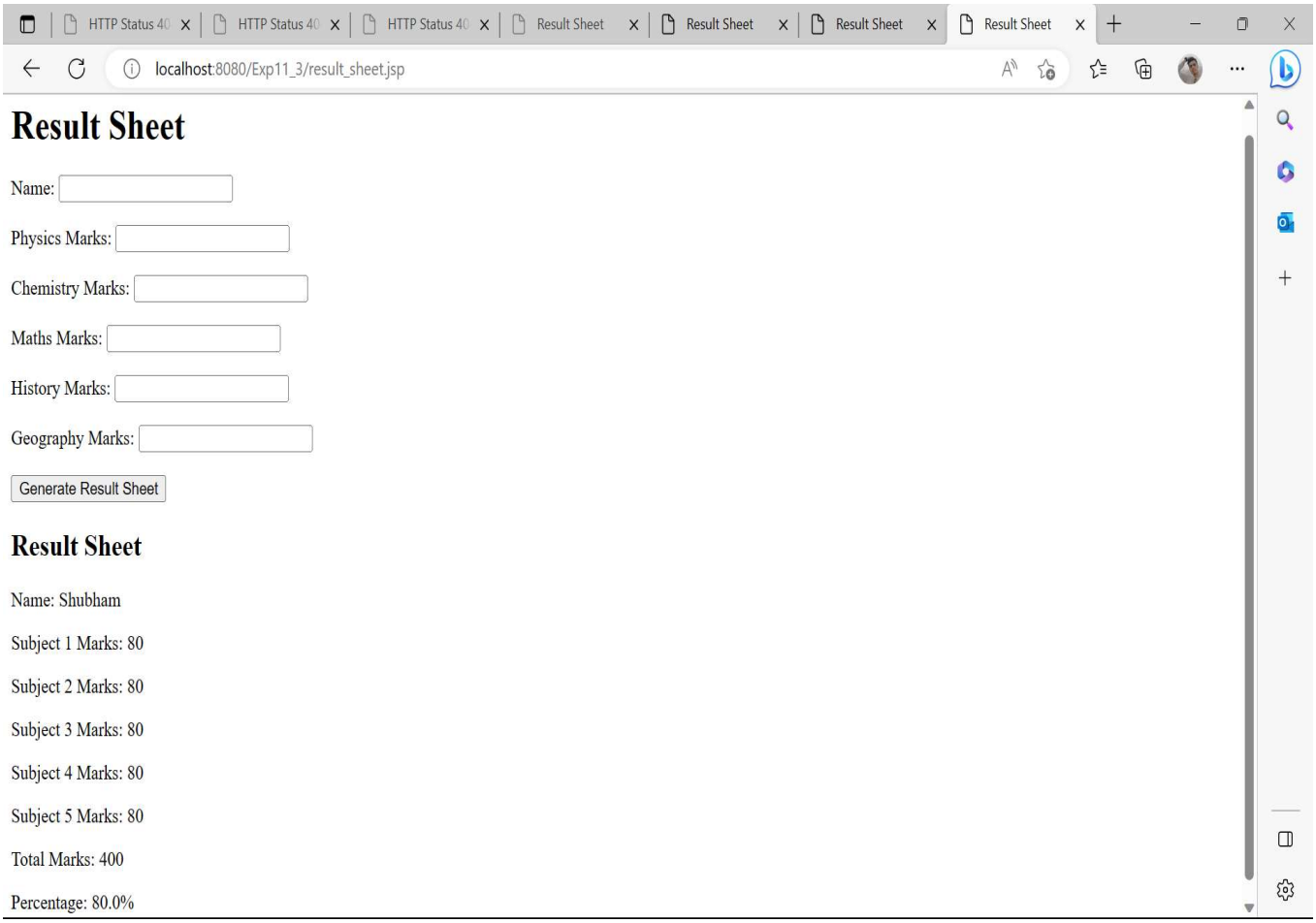
```
//RegisterUser

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
@WebServlet("/RegisterUser")
public class RegisterUser extends HttpServlet {

private static final long serialVersionUID = 1L;

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

response.setContentType("text/html");
PrintWriter out = response.getWriter();
String n = request.getParameter("userName");
String p = request.getParameter("password");
String e = request.getParameter("email");
String c = request.getParameter("country");
try {
Class.forName("com.mysql.jdbc.Driver");
Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/logindata?characterEncodin
g=latin1","root","neeraj");

PreparedStatement ps = con
.prepareStatement("insert into udata values(?,?,?,?)");

ps.setString(1, n);
ps.setString(2, p);
ps.setString(3, e);
ps.setString(4, c);

int i = ps.executeUpdate();
if (i > 0)
out.print("You are successfully registered...");

} catch (Exception e2) {
System.out.println(e2);
}

out.close();
}

}
```


Limit to 1000 rows
1 use student;
2 select * from students;
3 use Logindata;
4 select*from udata;
5
Automatic c
to manually
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
NAME PASSWORD EMAIL COUNTRY
Shubham 123 shubham@gmail.com India
Shubham 123 shubham@gmail.com India
Abhishek 123 abhishek@gmail.com UK
Anish 123 anish@gmail.com Nigeria
Tanmay 1234 tanmay2gmail.com West-Indies
Result Grid
Form Editor
udata 1
Read Only
Context Help
Snip
Output
Action Output
Time Action Message
1 16:52:34 use Logindata 0 row(s) affected
2 16:52:38 select*from udata LIMIT 0, 1000 5 row(s) returned

```
//Aditya Chavhan
//Roll no: 304D016
//Exp 11

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class ResultSheetGeneratorServlet extends HttpServlet {
private static final long serialVersionUID = 1L;

@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html;charset=UTF-8");
PrintWriter out = response.getWriter();
String name = request.getParameter("name");
int subject1 = Integer.parseInt(request.getParameter("subject1"));
int subject2 = Integer.parseInt(request.getParameter("subject2"));
int subject3 = Integer.parseInt(request.getParameter("subject3"));
int subject4 = Integer.parseInt(request.getParameter("subject4"));
int subject5 = Integer.parseInt(request.getParameter("subject5"));
int totalMarks = subject1 + subject2 + subject3 + subject4 + subject5;
double percentage = (double)totalMarks / 5.0;
out.println("<html>");
out.println("

<head>");
    out.println("<title>Result Sheet</title>");
    out.println("</head>");
out.println("

<body>");
    out.println("<h2>Result Sheet</h2>");
    out.println("<p>Name: " + name + "</p>");
    out.println("<p>Subject 1 Marks: " + subject1 + "</p>");
    out.println("<p>Subject 2 Marks: " + subject2 + "</p>");
    out.println("<p>Subject 3 Marks: " + subject3 + "</p>");
    out.println("<p>Subject 4 Marks: " + subject4 + "</p>");
    out.println("<p>Subject 5 Marks: " + subject5 + "</p>");
    out.println("<p>Total Marks: " + totalMarks + "</p>");
    out.println("<p>Percentage: " + percentage + "%</p>");
    out.println("</body>

</html>");
}
}
```

```
//jsp file

<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8" %>
    <!DOCTYPE html>
    <html>

    <head>
        <meta charset="UTF-8">
        <title>Result Sheet</title>
    </head>

    <body>
        <h1>Result Sheet</h1>
        <!-- form to accept student details -->
        <form action="ResultSheetGeneratorServlet" method="post">
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" required><br><br>
            <label for="subject1">Physics Marks:</label>
            <input type="number" id="subject1" name="subject1" required><br><br>
            <label for="subject2">Chemistry Marks:</label>
            <input type="number" id="subject2" name="subject2" required><br><br>
            <label for="subject3">Maths Marks:</label>
            <input type="number" id="subject3" name="subject3" required><br><br>
            <label for="subject4">History Marks:</label>
            <input type="number" id="subject4" name="subject4" required><br><br>
            <label for="subject5">Geography Marks:</label>
            <input type="number" id="subject5" name="subject5" required><br><br>
            <input type="submit" value="Generate Result Sheet">
        </form>
        <!-- generate result sheet -->
        <% if (request.getMethod().equals("POST")) { String
name=request.getParameter("name"); int
            subject1=Integer.parseInt(request.getParameter("subject1")); int
            subject2=Integer.parseInt(request.getParameter("subject2")); int
            subject3=Integer.parseInt(request.getParameter("subject3")); int
            subject4=Integer.parseInt(request.getParameter("subject4")); int
            subject5=Integer.parseInt(request.getParameter("subject5")); int
totalMarks=subject1 + subject2 + subject3 +
            subject4 + subject5; double percentage=(double)totalMarks / 5.0;
out.println("<h2>Result Sheet</h2>");
            out.println("<p>Name: " + name + "</p>");
            out.println("<p>Subject 1 Marks: " + subject1 + "</p>");
            out.println("<p>Subject 2 Marks: " + subject2 + "</p>");
            out.println("<p>Subject 3 Marks: " + subject3 + "</p>");
            out.println("<p>Subject 4 Marks: " + subject4 + "</p>");
            out.println("<p>Subject 5 Marks: " + subject5 + "</p>");
            out.println("<p>Total Marks: " + totalMarks + "</p");
out.println("<p>Percentage: " + percentage + "%</p>");
```

```
        }
        %>
</body>

</html>
```


HTTP Status 40
HTTP Status 40
HTTP Status 40
Result Sheet
Result Sheet
Result Sheet
Result Sheet
localhost:8080/Exp11_3/result_sheet.jsp
Result Sheet
Name:
Physics Marks:
Chemistry Marks:
Maths Marks:
History Marks:
Geography Marks:
Generate Result Sheet
Result Sheet
Name: Shubham
Subject 1 Marks: 80
Subject 2 Marks: 80
Subject 3 Marks: 80
Subject 4 Marks: 80
Subject 5 Marks: 80
Total Marks: 400
Percentage: 80.0%