

<b>S.No: 7</b>	<b>Exp. Name: Create a Personal Information System using Swing</b>	<b>Date: 2023-12-08</b>
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**Aim:**

To create a personal information system using swing.

**Source Code:**

```
package swing.gui;
import java.awt.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.*;

public class Exe_7 extends JFrame {
    private static final long serialVersionUID = 1L;
    private JPanel contentPane;
    private JTextField email;
    private JTextField username;
    private JPasswordField passwordField;
    private JButton btnNewButton;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Exe_5 frame = new Exe_5();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /*creating an Java GUI */

    public Exe_7() {

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(450, 190, 1014, 597);
        setResizable(false);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        contentPane.setLayout(null);

        JLabel lblNewUserRegister = new JLabel("Registration");
        lblNewUserRegister.setFont(new Font("Times New Roman", Font.PLAIN, 42));
        lblNewUserRegister.setBounds(36, 30, 399, 50);
        contentPane.add(lblNewUserRegister);
```

```

/* Creating an Label */
email = new JTextField();
JLabel lblMail = new JLabel("Email Addresss");
lblMail .setFont(new Font("Times New Roman", Font.PLAIN, 20));
lblMail .setBounds(542, 329, 139, 26);
contentPane.add(lblMail);
/* Email Address */
email.setFont(new Font("Times New Roman", Font.PLAIN, 32));
email.setBounds(707, 320, 228, 50);
contentPane.add(email);
email.setColumns(10);
/* UserName */
username = new JTextField();
username.setFont(new Font("Times New Roman", Font.PLAIN, 32));
username.setBounds(707, 151, 228, 50);
contentPane.add(username);
username.setColumns(10);
JLabel lblUsername = new JLabel("Username");
lblUsername.setFont(new Font("Times New Roman", Font.PLAIN, 20));
lblUsername.setBounds(542, 159, 99, 29);
contentPane.add(lblUsername);
/* Password */
JLabel lblPassword = new JLabel("Password");
lblPassword.setFont(new Font("Times New Roman", Font.PLAIN, 20));
lblPassword.setBounds(542, 245, 99, 24);
contentPane.add(lblPassword);

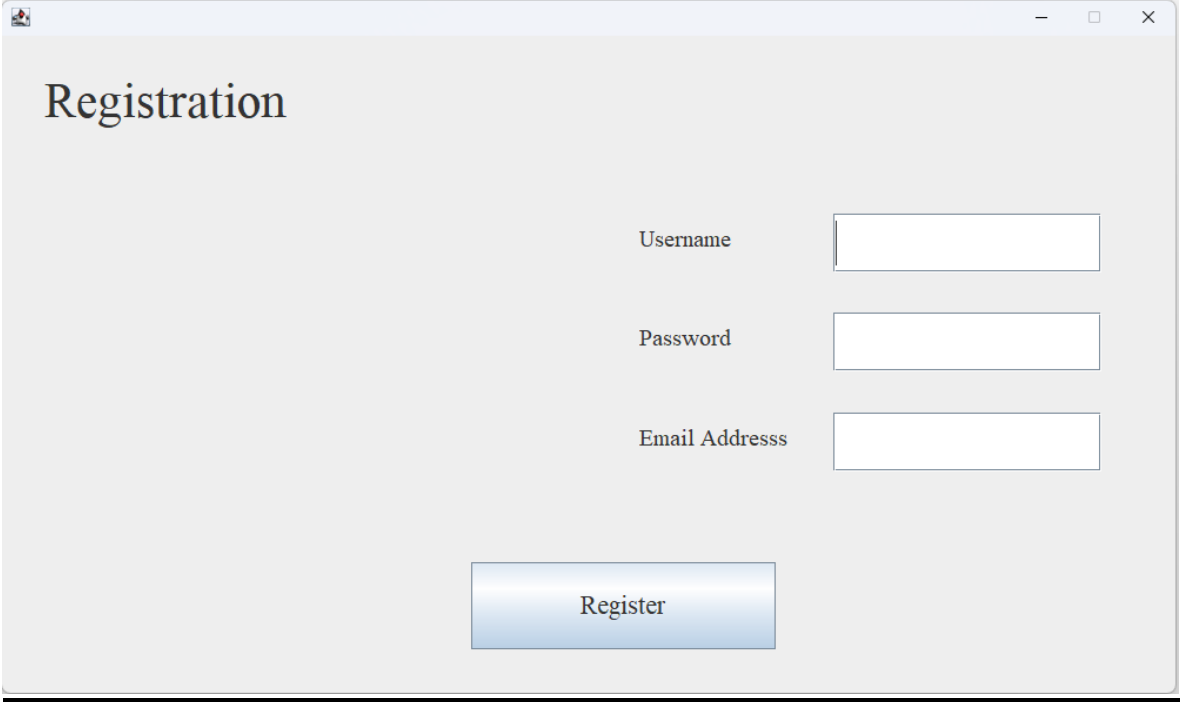
passwordField = new JPasswordField();
passwordField.setFont(new Font("Times New Roman", Font.PLAIN, 32));
passwordField.setBounds(707, 235, 228, 50);
contentPane.add(passwordField);

btnNewButton = new JButton("Register");

btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 22));
btnNewButton.setBounds(399, 447, 259, 74);
contentPane.add(btnNewButton);
}
}

```

## Execution Results – All the cases have succeeded!

Test Case - 1
<b>User Output</b>


**Aim:**

To create an Event Registration Form using JSP and MySQL.

**Source Code:**

```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%@page import="java.sql.*" %>

<%

    if(request.getParameter("submit")!=null)
    {
        String ename = request.getParameter("ename");
        String edate = request.getParameter("edate");
        String etime = request.getParameter("etime");
        String eorganizer = request.getParameter("eorganizer");

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

        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/event_registration",
"root", "");

        PreparedStatement pst = con.prepareStatement("insert into event (ename,edate,etime,eorganizer)
values (?, ?, ?, ?)");

        pst.setString(1, ename);
        pst.setString(2, edate);
        pst.setString(3, etime);
        pst.setString(4, eorganizer);
        pst.executeUpdate();

        %>
        <script>
            alert("Event Registered Successfully...!");
        </script>
        <%

    }
%>

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Event Registration Form</title>
<style>

    h1
    {
        color: white;
    }
    table
    {
        background: white;
```

```

    }
    input
    {
        width: 120%;
        padding: 6px;
        margin: 10px;
    }
    label
    {
        font-size: 30px;
    }
    button
    {
        margin-top: 20px;
        padding: 10px 25px;
        background: #5199E4;
        color: white;
        border: none;
    }
}
</style>
</head>
<body bgcolor= "#5199E4">
    <center>
        <br><br>
        <h1>Event Registration Form</h1>
    </center><br>

    <form method="post" action = "#">
    <table width = "50%" border="5" align="center">
        <tr>
            <td>
                <table align="center" width = "70%">
                    <tr>
                        <td colspan="2" align="center"><h2>Event Details</h2></td>
                    </tr>
                    <tr>
                        <td>
                            <label>Event Name : </label>
                        </td>
                        <td>
                            <input type="text" name="ename" required>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <label>Event Date : </label>
                        </td>
                        <td>
                            <input type="date" name="edate" required>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <label>Event Time : </label>
                        </td>

```

```

        <td>
            <input type="time" name="etime" required>
        </td>
    </tr>

    <tr>
    <td>
        <label>Event Organizer : </label>
    </td>
    <td>
        <input type="text" name="eorganizer" required>
    </td>
    </tr>

    <tr>
    <td colspan="2" align="center">
        <button type="submit" name="submit">Submit</button>
    </td>
    </tr>
</table>
</td>
</tr>
</table>
</form>

```

```

<center>
    <h1>Event Details</h1>
</center>

```

```

<table width="70%" border="4" align="center">
    <tr>
        <th>Sl.No</th>
        <th>Event Name</th>
        <th>Event Date</th>
        <th>Event Time</th>
        <th>Event Organizer</th>
    </tr>

```

```

<%

```

```

    Class.forName("com.mysql.jdbc.Driver");
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/event_registration", "root", "");
    String query = "select * from event";
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery(query);
    int id = 0;
    while(rs.next())
    {
        id++;
    %>
        <tr align = 'center'>
            <th><%= id %></th>
            <td><%=rs.getString("ename") %></td>
            <td><%=rs.getString("edate") %></td>
            <td><%=rs.getString("etime") %></td>
            <td><%=rs.getString("eorganizer") %></td>

```

```

        </tr>

        <%
        }
        %>
    </table>
</body>
</html>

```

## Execution Results – All the cases have succeeded!

### Test Case - 1

#### User Output

**Event Registration Form**

**Event Details**

Event Name :

Event Date :

Event Time :

Event Organizer :

**Event Details**

SLNo	Event Name	Event Date	Event Time	Event Organizer
1	JAVA WORKSHOP	2023-12-11	09:30	MCA