

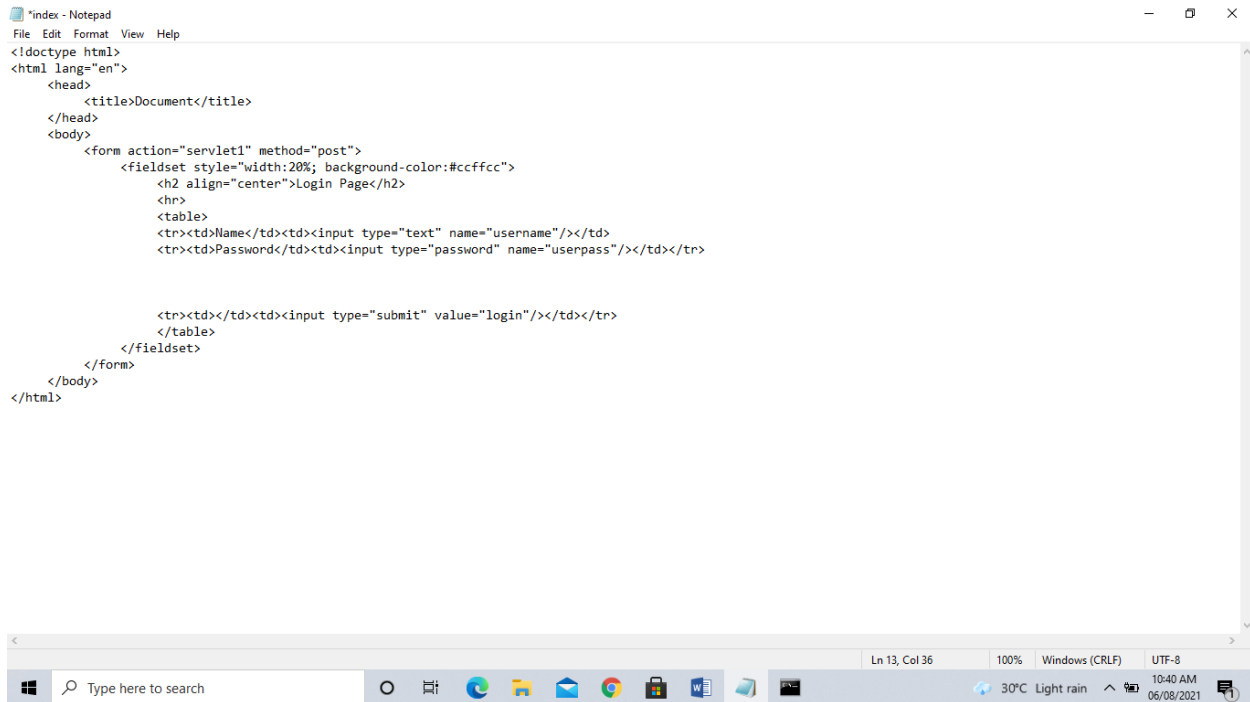
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PRACTICAL

1. index.html



```
"index - Notepad
File Edit Format View Help
<!doctype html>
<html lang="en">
  <head>
    <title>Document</title>
  </head>
  <body>
    <form action="servlet1" method="post">
      <fieldset style="width:20%; background-color:#ccffcc">
        <h2 align="center">Login Page</h2>
        <hr>
        <table>
          <tr><td>Name</td><td><input type="text" name="username"/></td>
          <tr><td>Password</td><td><input type="password" name="userpass"/></td></tr>

          <tr><td></td><td><input type="submit" value="login"/></td></tr>
        </table>
      </fieldset>
    </form>
  </body>
</html>
```

Ln 13, Col 36 | 100% | Windows (CRLF) | UTF-8

Type here to search | 30°C Light rain | 10:40 AM | 06/08/2021

FirstServlet.java

```
FirstServlet - Notepad
File Edit Format View Help
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class FirstServlet extends HttpServlet
{
    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("userpass");
        if(LoginDao.validate(n, p))
        {
            RequestDispatcher rd=request.getRequestDispatcher("servlet2");
            rd.forward(request,response);
        }
        else
        {
            out.print("Sorry username or password error");
            RequestDispatcher rd=request.getRequestDispatcher("index.html");
            rd.include(request,response);
        }
        out.close();
    }
}

Ln 12, Col 42 100% Windows (CRLF) UTF-8
30°C Light rain 10:41 AM 06/08/2021
```

Login.java

```
login - Notepad
File Edit Format View Help
import java.sql.*;
public class Login
{
    public static boolean validate(String name,String pass)
    {
        boolean status=false;
        try
        {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","local","test");

            PreparedStatement ps=con.prepareStatement(
                "select * from userreg where name=? and pass=?");
            ps.setString(1,name);
            ps.setString(2,pass);
            ResultSet rs=ps.executeQuery();
            status=rs.next();
        }
        catch(Exception e)
        {
            System.out.println(e);
        }
        return status;
    }
}

Ln 23, Col 27 100% Windows (CRLF) UTF-8
30°C Light rain 10:42 AM 06/08/2021
```

WelcomeServlet.java

```
WelcomeServlet - Notepad
File Edit Format View Help
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 WelcomeServlet extends HttpServlet
{
    public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException
    {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        String n=request.getParameter("username");
        out.print("Welcome "+n);
        out.close();
    }
}
```

Ln 18, Col 2 100% Windows (CRLF) UTF-8 30°C Light rain 10:43 AM 06/08/2021

Web.xml

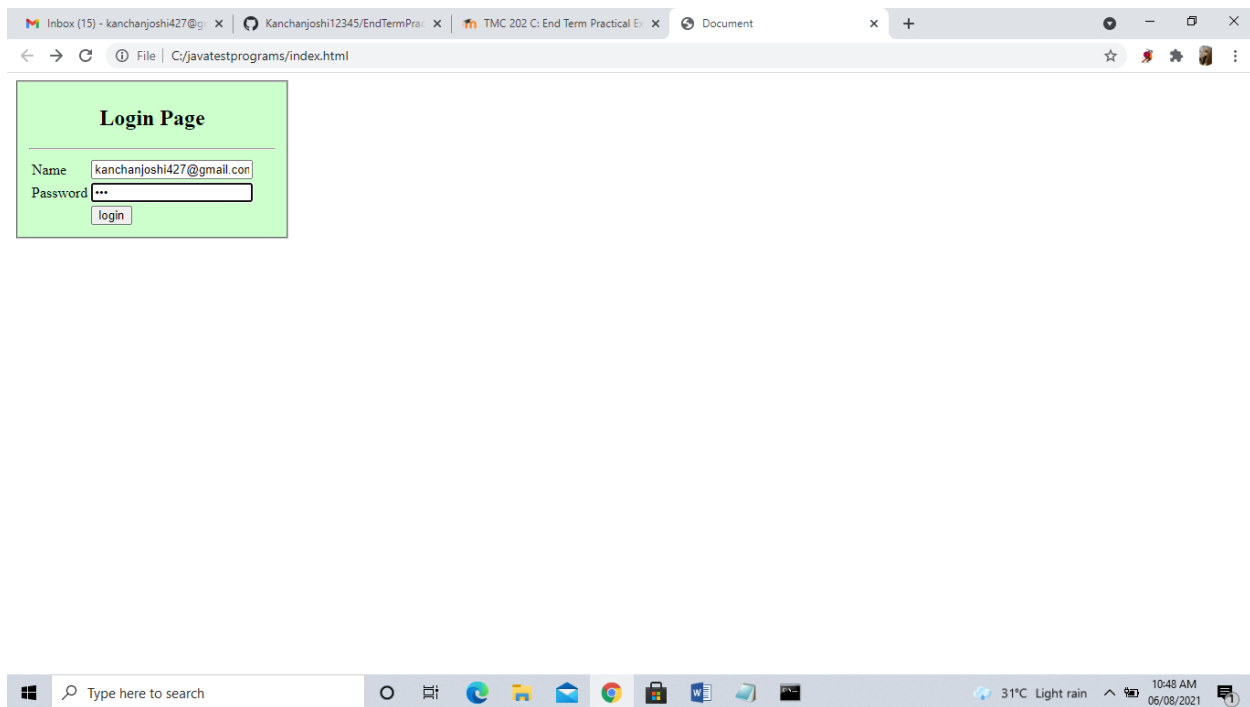
```
web - Notepad
File Edit Format View Help
<web-app>
  <servlet>
    <servlet-name>FirstServlet</servlet-name>
    <servlet-class>FirstServlet</servlet-class>
  </servlet>
  <servlet>
    <servlet-name>WelcomeServlet</servlet-name>
    <servlet-class>WelcomeServlet</servlet-class>
  </servlet>

  <servlet-mapping>
    <servlet-name>FirstServlet</servlet-name>
    <url-pattern>/servlet1</url-pattern>
  </servlet-mapping>
  <servlet-mapping>
    <servlet-name>WelcomeServlet</servlet-name>
    <url-pattern>/servlet2</url-pattern>
  </servlet-mapping>

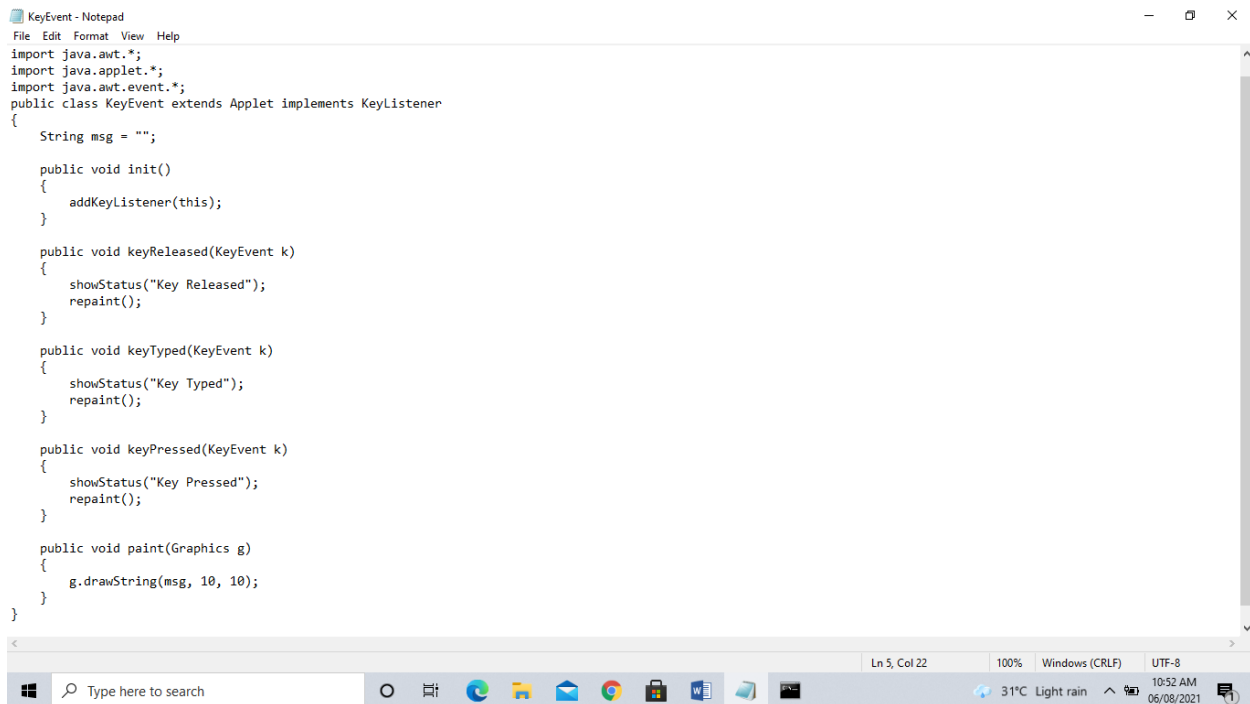
  <welcome-file-list>
    <welcome-file>index.html</welcome-file>
  </welcome-file-list>
</web-app>
```

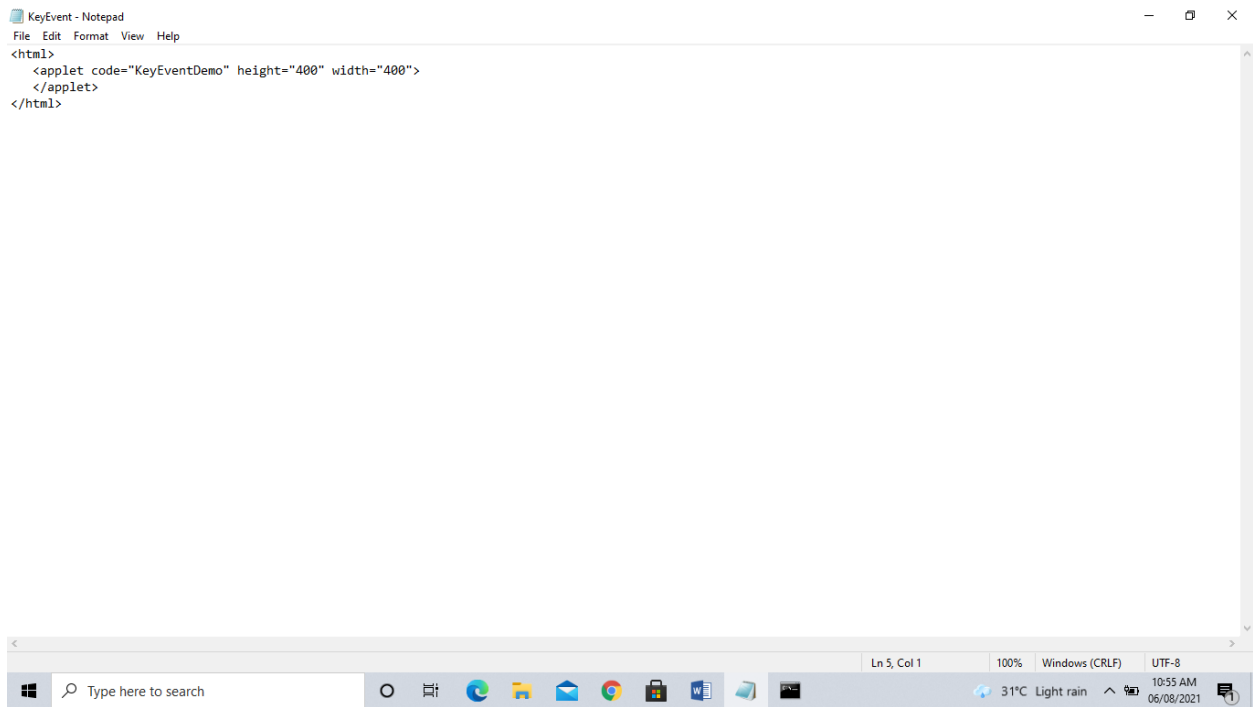
Ln 26, Col 1 100% Windows (CRLF) UTF-8 30°C Light rain 10:44 AM 06/08/2021

OUTPUT:



2.





OUTPUT:

Applet

UP DOWN RIGHT LEFT F1 F2 F3 F4

Applet started.

3.

```
FileOrg - Notepad
File Edit Format View Help
import java.io.*;
import java.io.IOException;
import java.util.*;

public class FileOrg {
    public static void main(String[] args) {
        try {
            File myObj = new File("filename");
            if (myObj.createNewFile())
            {
                System.out.println("File created with the name " + myObj.getName());

                // To read the write content on the File.....

                FileWriter myWriter = new FileWriter("file name");

                System.out.println("Enter Content");
                Scanner input = new Scanner(System.in);
                String str = input.nextLine();
                myWriter.write(str);
                myWriter.close();

                // To show the output of the file.

                System.out.println("The content of the files are as follows");
                String line = null;
                FileReader fileReader = new FileReader("file name");

                BufferedReader bufferedReader = new BufferedReader(fileReader);

                while((line = bufferedReader.readLine()) != null)
                {
                    System.out.println(line);
                }
                bufferedReader.close();
            }
        }
    }
}
```

Ln 35, Col 10 100% Windows (CRLF) UTF-8 31°C AQI 65 11:02 AM 06/08/2021

```
        while((line = bufferedReader.readLine()) != null)
        {
            System.out.println(line);
        }
        bufferedReader.close();
    }
    else {
        System.out.println("File already exists.");
    }
}
catch (IOException e) {
    System.out.println("An error occurred.");
    e.printStackTrace();
}
}
```

Ln 49, Col 1 100% Windows (CRLF) UTF-8 31°C AQI 65 11:02 AM 06/08/2021