import java.awt.FlowLayout;

import java.awt.event.MouseAdapter; import java.awt.event.MouseEvent; import java.io.IOException;

import javax.swing.\*; ...

public MyApp() throws IOException {

getContentPane().setLayout(new FlowLayout()); javax.swing.JButton jButton1 = new javax.swing.JButton(); jButton1.setText("Hello!!!");

jButton1.setSize(150, 20); jButton1.addMouseListener(new MouseAdapter() {

@Override

public void mouseClicked(MouseEvent e) { JOptionPane.showMessageDialog(rootPane, "Hello from

applet!!!");

} });

getContentPane().add(jButton1); }

} ...

//................................................................................

<HTML> <HEAD>

<TITLE>Applet HTML Page</TITLE> </HEAD>

<BODY>

<H3><HR WIDTH="100%">Applet HTML Page<HR WIDTH="100%"></H3>

<P>

<APPLET codebase="web/WEB-INF/classes" code="test/MyApplet.class" width=350 height=200></APPLET>

</P>

<HR WIDTH="100%"><FONT SIZE=-1><I>Generated by NetBeans IDE</I></FONT>

</BODY> </HTML>

//...............................................................................

TimeApplet.java

import javax.swing.\*;

public class TimeApplet extends JApplet { @Override

public void init() {

JLabel jl = new JLabel("The time is: " + getParameter("currTime"));

getContentPane().add(jl); }

}

index.jsp

<%@page import="java.util.Date"%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html> <head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>JSP Page</title> </head>

<body>

<APPLET codebase="classes" code="TimeApplet.class" width=350 height=200>

<param name="currTime" value="<%=new Date().toString() %>"/>

</APPLET> </body>

</html>

//..............................................................................

import javax.swing.\*;

import netscape.javascript.JSObject; public class JSApplet extends JApplet {

@Override public void init()

{

JSObject win = JSObject.getWindow(this); win.eval("alert('Hello from aplet!')");

} }

//...............................................................................

import java.awt.FlowLayout;

import java.awt.event.ActionEvent; import java.awt.event.ActionListener; import javax.swing.\*;

import netscape.javascript.JSObject; public class JSApplet extends JApplet {

public JSObject win; @Override

public void init() {

win = JSObject.getWindow(this); this.setLayout(new FlowLayout()); JButton btn = new JButton("Add"); getContentPane().add(btn);

btn.addActionListener(new ActionListener() { public void actionPerformed(ActionEvent e) {

int a = Integer.parseInt(win.eval("prompt('enter first operand')").toString());

int b = Integer.parseInt(win.eval("prompt('enter second operand')").toString());

JOptionPane.showMessageDialog(rootPane, "Result is

" + (a + b)); }

}); }

}

//..............................................................................

import javax.swing.\*;

import netscape.javascript.JSObject;

public class SetCookieApplet extends JApplet { public JSObject win;

@Override public void init()

{

JSObject doc = (JSObject) JSObject.getWindow(this).getMember("document");

doc.setMember("cookie", "myCookie=this is some myCookie value; path=/; expires=01-01-2020");

} }

//................................................................................

import javax.swing.\*;

import netscape.javascript.JSObject;

public class GetCookieApplet extends JApplet { public JSObject win;

@Override public void init()

{

JSObject doc = (JSObject) JSObject.getWindow(this).getMember("document");

JOptionPane.showMessageDialog(rootPane, doc.getMember("cookie").toString());

} }

//................................................................................

import java.io.IOException; import java.io.InputStreamReader; import java.util.logging.Level; import java.util.logging.Logger; import javax.swing.\*;

import java.net.\*;

public class GetApplet extends JApplet { @Override

public void init() {

try {

getContent(); }

catch (MalformedURLException ex) {} catch (IOException ex) { }

catch (IndexOutOfBoundsException ex) { } }

void getContent() throws MalformedURLException, IOException, IndexOutOfBoundsException

{

URL url = new URL("http://localhost:8080/WebApplication13/?a=2&b=3");

URLConnection conn = url.openConnection(); InputStreamReader isr = new

InputStreamReader(conn.getInputStream()); int i=-1;

String res=""; while((i=isr.read())!=-1)

res+=(char)i; JOptionPane.showMessageDialog(rootPane, "Result is: " +

res); }

}

//.............................................................................

import java.io.IOException; import java.io.InputStreamReader; import java.io.OutputStream; import javax.swing.\*;

import java.net.\*;

import java.net.URLConnection;

public class PostApplet extends JApplet { @Override

public void init() {

try { getContent(); }

catch (MalformedURLException ex) { } catch (IOException ex) { }

catch (IndexOutOfBoundsException ex) { } }

void getContent() throws MalformedURLException, IOException {

byte[] params = "a=25&b=33".getBytes(); URL url = this.getCodeBase();

url = new URL("http://localhost:8080/WebApplication13/"); URLConnection conn = url.openConnection(); conn.setDoOutput(true);

conn.setDoInput(true);

conn.setRequestProperty("Content=length", String.valueOf(params.length));

OutputStream oStream = conn.getOutputStream(); oStream.write(params);

InputStreamReader isr = new InputStreamReader(conn.getInputStream());

String res=""; int i=-1;

while((i=isr.read())!=-1) res+=(char)i;

JOptionPane.showMessageDialog(rootPane, "Result is: " + res);

oStream.flush(); oStream.close();

} }