# Chap 7 – Simple JSPs

* What is a JSP?

A JSP is a Java Server Page. It is basically an HTML file with some java code inside the HTM file. This java code runs whenthe HTML files is accesses.

Actually the HTML file reads the Java code and is turned into a Servlet and executed by the Web Server and the HTML is sent to the End User with results.

* The 3 JSP Tags

There are 3 basic JSP tags…scriptlet tags, output tags and declaration tags.

They look like this:

**Scriptlet:**

<% java code %> or

<%

Java code

%>

**Output:**

<%= a1.getBalance() %>

**Declaration:**

<%! int x; %>

* Simple JSP Example

# <%--

# Document : DisplayAccount

# Created on : Jun 13, 2020, 2:57:40 PM

# Author : renz

# --%>

# <%@page import="Business.Account"%>

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

# <!DOCTYPE html>

# <html>

# <head>

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

# <title>JSP Page</title>

# </head>

# <form>

# <%

# Account a1;

# a1 = (Account)session.getAttribute("a1");

# a1.display();

# %>

# 

# 

# <h1> Account Lookup Page </h1>

# <table border="3">

# <tr>

# <td>Acct No:</td>

# <td><input type="text" name="antb" value="<%=a1.getAcctNo() %>" /></td>

# </tr>

# <tr>

# <td>Customer ID:</td>

# <td><input type="text" name="custtb" value="<%=a1.getCid()%>" /></td>

# </tr>

# <tr>

# <td>Type:</td>

# <td><input type="text" name="typetb" value="<%=a1.getType() %>" /></td>

# </tr>

# <tr>

# <td>Balance:</td>

# <td><input type="text" name="baltb" value="<%=a1.getBalance() %>" /></td>

# </tr>

# <tr>

# <td><input type="submit" value="Find" /></td>

# <td><input type="reset" value="Clear" /></td>

# </tr>

# </table>

# 

# </form>

# </html>

* Can a JSP use a Business Object?

YES…..see example above.