### Exam 2 JSP

**Due** Apr 26, 2018 at 12:15pm **Points** 150 **Questions** 50 **Available** Apr 26, 2018 at 11am - Apr 26, 2018 at 12:15pm about 1 hour **Time Limit** 75 Minutes

This quiz is no longer available as the course has been concluded.

### **Attempt History**

	Attempt	Time	Score
LATEST	Attempt 1	29 minutes	126 out of 150

Score for this quiz: **126** out of 150 Submitted Apr 26, 2018 at 11:31am

This attempt took 29 minutes.

	Question 1	3 / 3 pts
	The client typically uses aapplication over the Internet.	to interact with a web
Correct!	Browser	
orrect Answe	browser web browser	

Question 2	3 / 3 pts
A web application runs on the server computer under the control o	f

### A JavaServer Page typically contains the \_\_\_\_\_\_ for the web page.

### Question 8 To transfer your web application files to a web server, you can use a/an \_\_\_\_\_ client such as FileZilla. HTTP (Hypertext Transfer Protocol)

	O JDK (Java Development Kit)
	HTML (Hypertext Markup Language)
Correct!	• FTP (File Transfer Protocol)

# The specification that describes how web servers can interact with all Java web technolgies is know as The Java Development Kit (JDK) The Java Enterprise Edition (Java EE) The Application Server The HyperText Transfer Protocal

# Correct! Question 10 To develop Java web applications, you can use an Integrated Development Environment (IDE) such as: NetBeans or Eclipse Foxfire or Netscape FileZilla or CuteFTP Tomcat or Apache

	Question 11	3 / 3 pts
	Which directory stores the Java classes of a servlet/JSP applicati	on?
	○ WEB-INF	
Correct!	WEB-INF\classes	
	O META-INF	
	O META-INF\classes	
L		
	Question 12	3 / 3 pts
	In the MVC pattern, the view consists of HTML pages and	
Correct!	JSPs	
orrect Answer	JavaServer Pages JSPs	
_		
	Question 13	3 / 3 pts
	In the MVC pattern, the controller is a	
Correct!	servlet	
orrect Answer	rs servlet	

	Question 14	3 / 3 pts
	A/an web page.	file contains the tags that define the content of a
Correct!	HTML	
orrect Answers	HTML	

	Question 15		3 / 3 pts
	A/an Language (EL) ta	consists of special Java tags su ags that are embedded within HTML.	ch as Expression
Correct!	JSP		
orrect Answe	rs JSP JavaServer Pa	age	

	Question 16	3 / 3 pts
	Since the web.xml file describes how the web application should be configured when it is deployed on a server, the file is known as the	
	the request object	
	style sheet (SS)	
	o app config file (ACD)	
Correct!	• deployment descriptor (DD)	

	Question 17	3 / 3 pts
	The controller manages the flow of the application, and this work is one or more	done by
	request objects	
Correct!	• servlets	
	○ JSPs	
	O data access classes	

	Question 18	3 / 3 pts
	Which of the following is <i>not</i> a benefit of using the MVC pattern for application?	an
	it's easier to test and debug the application	
	<ul> <li>JSPs are used for what they do best</li> </ul>	
	o servlets are used for what they do best	
Correct!	• it requires less code	

Question 19	3 / 3 pts
When an HTML page requests a servlet with the HTTP POST nethod of the servlet class is called	

thread-safe

Correct!

orrect Answers

thread-safe

	Question 23	3 / 3 pts
	To make sure that parameter values aren't displayed in the URL servlet is requested, you should use thethe form tag.	. when a method in
Correct!	POST	
orrect Answe	rs post	

	Question 24	3 / 3 pts
	In the code that follows, DiagnoseTrouble	
	<pre><servlet-mapping></servlet-mapping></pre>	
	<pre><servlet-name>DiagnoseTrouble</servlet-name></pre>	
	<pre><url-pattern>/diagnostics/diagnoseTrouble</url-pattern></pre>	
	is the name of the servlet class	
Correct!	•	
	is the internal name for the servlet class that's used in the deployment descriptor	t
	is the name that's used to request the servlet	

Question 25 0 / 3 pts

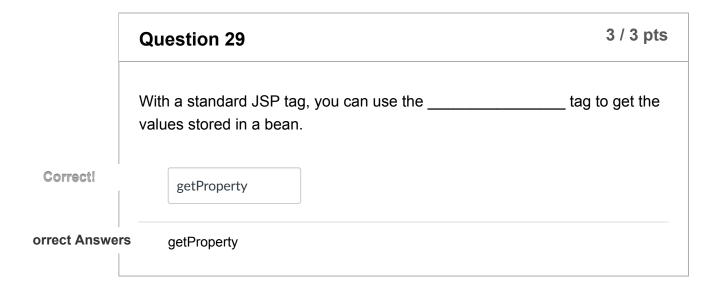
	<pre>In the code that follows, the servlet is mapped to  <servlet-mapping></servlet-mapping></pre>
orrect Answei	the /diagnostics/diagnoseTrouble URL of the document root directory  the /diagnostics/diagnoseTrouble URL of the current directory
ou Answered	any URL in the /diagnostics/diagnoseTrouble directory of the document root directory
	any URL in the /diagnostics/diagnoseTrouble directory of the current directory

	Question 26 3 / 3 pts	
	To define a/an initialization parameter that's available to all servlets in the web application, you code a/an element.	
	ontext, init-param	
	servlet, init-param	
	o servlet, context-param	
Correct!	• context, context-param	

Question 27 3 / 3 pts

The following code  String[] mailTypes = request.getParameterValues("mail");
returns the name of all request parameters from the mail.jsp page
returns the first value of the mail parameter or null if none exist
• returns all values of the mail parameter or null if none exist
returns the values of all request parameters from the mail.jsp page
○ is invalid

### Question 28 If you attempt to run a JSP that contains a coding error, the server typically returns an error page with HTTP Status \_\_\_\_\_\_. Correct! 500 orrect Answers 500



### Question 30 To include HTML or JSP files within a JSP at runtime, you can use a/an import tag. Correct! JSTL orrect Answers JSTL

	Question 31	0 / 3 pts
	Which of the following is a valid JSP comment?	
'ou Answered	• // comment	
	comment	
orrect Answer	<pre>&lt;% comment%&gt;</pre>	
	<pre></pre>	

	Question 32	pts
	If the following JSP tag is coded in a JSP named index.jsp, what happen when the reports.jsp file is updated?	S
	<pre><jsp:include page="includes/reports.jsp"></jsp:include></pre>	
	the changes don't appear in the subsequent requests for the index.jsp file	<b>;</b>
Correct!	• the changes appear for subsequent requests for the index.jsp file	

a JSP error is thrown

	Question 33	3 / 3 pts
	The advantages of EL are	
	<ul> <li>more elegant and compact syntax</li> </ul>	
	allows you to access nested properties	
	odoes a better job of handling null values	
	o more functionality	
Correct!	<ul><li>all of the above</li></ul>	

	Question 34	3 / 3 pts
	•	join, rows are only included when matches the key of a row in the second
Correct!	inner	
orrect Answe	rs inner	

Question 35	0 / 3 pts
A/an table with one or more	is a column that is used to relate each row in one rows in another table.

'ou Answered

primary key

orrect Answers

foreign key

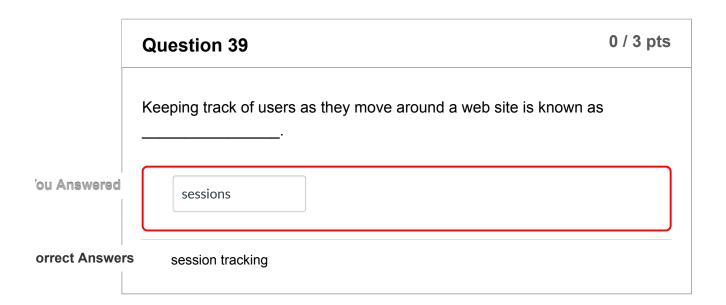
# The result set retrieved by the following SELECT statement contains rows that have SELECT Balance, Num FROM Accounts WHERE Balance < 0 one column from the Balance table where the Num column is less than 0 two columns from the Balance table where the Num column is less than 0 orrect Answer two columns from the Accounts table where the Balance column is less than 0

### The INSERT statement that follows inserts INSERT INTO Download (UserID, DownloadDate, DownloadFilename, ProductCode) VALUES (1, NOW(), 'jr01\_filter.mp3', 'jr01') four rows and four columns into the Download table

### Correct!

• one row and four columns into the Download table
O four rows and one column into the Download table
One row and three columns into the Download table

	Question 38	0 / 3 pts
	When you code a script that contains more than one statement, you code a/an at the end of each statement.	u must
orrect Answer	semicolon	
	○ colon	
ou Answered	• comma	
	period	



Question 40 3 / 3 pts

	By default, the servlet API uses a/an	to store a session
	ID in each browser.	
Correct!	cookie	
orrect Answers	cookie	
	Question 41	3 / 3 pts
	To store the data for each session, the server crea	tes a/an
Correct!	session object	
orrect Answers	session object	
	Question 42	3 / 3 pts
	It is not recommended to implement session tracki encoding, because it can lead to session	
Correct!	hijacking	
orrect Answers	hijacking	
	0	3 / 3 pts
	Question 43	3 / 3 pts
	To get an array of all the cookies stored by the bromethod of the request object.	-

Question 44

A servlet can retrieve the current session object by using the getSession method of the

HttpSession class

orrect Answer

the request object

the ServletContext object

	Question 45	3 / 3 pts
	Which of the following statements causes an error?	
Correct!	<pre>String name = session.getAttribute("name");</pre>	
	<pre>Book book = (Book) session.getAttribute("book");</pre>	
	<pre>    session.setAttribute("name", "Ted Andrews");</pre>	
	<pre>session.removeAttribute("name");</pre>	

Question 46

0 / 3 pts

The cookie named mediaCookie in the following statement can be accessed by mediaCookie.setPath("/");

only the current directory

the entire web application

ou Answered

anyone

	Question 47	3 / 3 pts
Correct!	The following link demonstrates how to use <a href="schedule?user_id=\${user.id}">     View your schedule  </a>	
	<ul> <li>URL rewriting</li> </ul>	
	○ URL encoding	
	hidden fields	
	○ cookies	

### Question 48 3 / 3 pts

The advantages of using hidden fields over URL rewriting to pass parameters from a browser to the server are

	a hidden field can contain spaces and other special characters that are difficult to work with when using URL rewriting
	the user can see the parameters by using the browser to look at the page's source code
	ono limit to the number of characters that can be stored in a hidden field
	o both a and b
Correct!	both a and c

# When you set an attribute in the session object, the attributes are available until the user closes the browser available until the session times out available until you use the removeAttribute method to remove an attribute from the session object all of the above

3 / 3 pts

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	to customize pages that display info like weather reports, sports scores, etc.	
	to focus advertising like banner ads that target the user's interests	
Correct!	all of the above	

Quiz Score: 126 out of 150