memina Farong, .

Momina Farosque 5240 Date, 16 th Oct, 22. 045247. o JSP cleanup (jop Destroy () method is invoked by the container). (3) What is meant by server-side scripting language? Server-side scripting languages are programming languages developed especially for creating HTML pages (or web pages) on the server side. These languages usually provide special libraries that facilitate creating HTML pages. For example ; PHP, Ruby, Perl, Python etc. (4) What is meant by markup language? A system (such as HTML or SGML) for marking or tagging a document that indicates its togical structure (such as paragraphs) and gives instructions for its layout on the page especially for electronic transmission and display. HTML is called a markup language because it defines the studies and layout of the content users see on a webpage HTML is the most popular markup language in the world.

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	(5) What is the purpose of JSP directives?
	ISP directives are used to give special instruction
	to a container for translation of JSP to
	servet code, In JSP life cycle phase, JSP has
	to be converted to a sewest which is a
	translation phase Directines can have many
14.74	attributes by comma separated as key-value
	pairs. There are three types of directions:
100	o page directive. o'include directive.
	otaglib directive.
	(a) + 11 6 +
1	(6) What is meant by AJAX?
	AJAX stands for Asynchronous Jewascipt
	and xML. In a nutshell, it is a use of the
	xMLHttpRequest object to communicate with sewers.
	It can send and receive information in various
	formais , including JSON, XML, HTML and tent
	tiles.
	(7) Define JavaBeans.
	-A JavaBean is a Java class that should
	follow the following conventions:
	. It should have no argument constructor.
	. It should be serializeable.

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ost should provide	methods to set and					
4-1-4	the properties, known					
as getter and setter						
Javabean provide e						
(8) Difference between	sessions and cookies.					
Cookie	Session.					
	o Sessions are server-side					
	files that contain					
	user data.					
o Cookies end on the	o When the user quits the					
lifetime which is	biouses or logs out of the					
The second section of the second section is a second section of the second section of the second section is a second section of the section of	programmed, session is ones.					
set they the wer.	a It can hold an indefinite					
certain amount of info.	quantity of data,					
o Cookies are not secured.	a Sessions are secured.					
a Cookies store data in	· Session save data in					
tent file.	enaupted form.					
o Coopies stored on a	o Sersion stored an					
limited data.	untimited data.					
(9) what are the con	nponents of a HTTP					
Response?						
	#					

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il causes little inconvenience to the user.
(2) Write a servet class which will dynamically
ordered list of all items stored
in database. Table contains two columns
(Ikm Name, Number of Items).
DB Name: Database.
Table Name: Item(item_name (var Char (50)),
no-Of- Items (int)).
import java . io. *;
import java x. servlet. *;
import javax. sewlet. http. *;
import java. sql. *;
public class display entend HttpServlet
public void dochet (1ttp Servel Request reg.,
HttpSewleiResponse res) throws
IO Exception, Sewell Exception
3
PrintWriter out= res. getWriter ();
res · set Content Type ("text /html");
out.print In (" <html> < body>");</html>

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Tuy's
class. for Name ("sun. gdbc. odbc. IdberdbeDivei");
Connection con = Drivermanager . get Connection
("jabe: odbe: mydsn"; "system", "pintu");
// Here denrame-myden , usered - system(for oracle 109)
passivard is pineur.
Statement strut = con ocreate Statement();
Result Set ses = strut. executeducy ("select *
from Database");
out. print In ("< table border = 1 with = 50%
height = 50% >");
outoprint In ("> Items Name
> No of items
while (rsonext())
1
String n = rs. getString ("items-Name");
int nm = rs. get int ("no_of_items");
out. printIn (" "+ n+""
+nm + " " +s+ "2/td>
3
out. printin ("");
out.print In (" < /html > < /body >");
con. close ();

Memina Facey. Date 16th Oct , 2022 catch (Exception e) out . print ("error"); (3) Write a JSP page, which will dynamically create a table with politician's information stored in the database. Table contains two columns (Politician Name, Politician current Party Name). (Politician DB Name: Database. Table Name: Politician (pol Name (various (50)), pol-Parky (Varchar (50)) (% @ page import = " java . sql . Driver Manager " 1.> 4. @ page import = "gava.sql. Result set" 1/2 > < %. @ page import = "java.sql. Statement" 1.> (% @ page import = " fava. sql - Connection " % > String delver = "com. mysql. Jabe. Driver"; String Connectionalel = "jette : mysq] : 11 localhear : 33061" String database = "database";

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	String usertd = "root";				
	String password = " " 5				
	Tay 3				
	Class, forName (delues);				
	I catch (class Not found Exception e) }				
	e. print StackTrace ();]				
	Connection connections = null;				
	Statement statement = null;				
	Result set result set = null;				
	% >				
	< html >				
	(body)				
	<u.>Hopel Name <1td>.</u.>				
	td > pol Party	7-4			
	< %.				
	Try 3				
	connection = Driver Manager . get Connection (connection Orl	+			
	database, usered, password);				
	Statement: connection. create Statement ();				
	String sql = " select pol - Name, pol-Party				
	from Politician";				
	result Set = statement . execute Query (391);	THE REAL PROPERTY.			
THE PARTY	J. Color				

Momina Favoy. 524. Date: 16th Oct. 2022. 045247. while (result set - neut()) } % > くな> < 1. = result set = get string ("pol-Name") 7. > ctd> < 7. = resultset. getstring ("pol-Party.") 7-> connection . close (); I catch (Exception e)] e. printstack Trace ();] spoody's (html>