The setting	The second of th
	Assignment:-1
	South in the state of the state
7	Faralein characteristics continued
	Explain characteristics, syntax and usage
And-	Characteristics:-
net out	• XML is extensible - XML allows you to create
	your own self-descriptive tugs, or lunguage,
Townson do	that suits your cipplication.
	eXML carries the data, does not present it -
19. 37V:	or how it will be presented.
1 1 N Y 1	• XML is a public standard - XML was developed
	by an organization called the world wide
i i i i i i i i i i i i i i i i i i i	web consortium and is available as an
	open standard
4,	Open Stational
intercen	XML Usuge: = vidia a via a some prio a prio a prio
of Jak	· XML can work behind the scene to simplify
	the creation of HTML documents for large
in hope on	wwwebing ites decome sometime and adverting ware
	. XML can be used to exchange the information
	between organizations and systems.
	• XML can be used for offlouding and reloading
	of dutabases
	. XML can be used to store and arrang the
	duta, which can customize your duta handling
	meeds to have about the
	* XML can ecisily be mesged with style sheets
elies d'vol.	to create almost any desired output.
-	· vistually, any type of data can be expressed
	as an XML document.
	XML Symtax:-
30-0	2. Root :- XML documents must contain one

	root element that is the purent of all other
	elements. Ex; < root?
and the state of t	< <p>i) <</p>
	<subthild>/subchild></subthild>
V.,	
	2. Prolog: - KJXML version 2"1.0" encoding = "UTE:
	>XML prolog is optional. If it exists, it must con
	first in the documents
	>XML documents can contain international characte
	like Nerwegium or Frencho
	To avoid this errors, you should specify the
	encoding used, or some your XML Files as UTF
0.00	-> UTF-8 is the default character encoding for XML
- a h	downer to bell so mother amount our not
7.5	3. All XML elements must have clasing tag
	unlike HTML Ex; TP> Hello world
	Tlo8/>
	4. XML tags are case sensitive. That means opening
متحي	and closing tags must be return with the
0/60	some costo and and a costo
	5. XML attributes values must always be qualted (
rath.	6. Entity references: - some characters have specia
	maining in XML. That is it you place a character
	like "x" in xM2 element between generalte eno
	because XML passer interprits it has a start of
201	new element, Est; massage > sulary < 1000 /massage>
-14-	7. Now to avoid this error, we use entity referen
	(alt:). there are 5 predefined Entity reference
	supportion to comment places and inches
	Explain about XML document and rules of declar
And:	An XML document is a basic unit of XML
	information composed of elements and other
,	muzkup in an orderly package. An XML documer
	com contrums wide variety of data.
-	-> Document Elements one the building brocks
	- January Brock

	of XML. These divide the document into a
	hierarchy of sections, each serving a specific
	Purpose.
	you am separate a document into multiple
17 47 1 30	sections so that they can be rendered differently
	or wed by a secoch engine.
_	The elements can be contriners, with a
of our in	combination of text and other elements.
	• Rules of decluration :-
	> If the XML declaration is present in the XML, it
	must be placed as the first line in the XML document
	> It the XML declaration is included, it must
	contain version mimber attributes.
· -	> The parameter names and values ever case
	sensitiva
	The numes core always in lower case
_	The order of placing the parameters is important
	The correct order is a version, encouring and
house comes	stundulone,
-	> Either single or double quotes may be used.
	>The XML declaration has no clasing tag.
1 3	THE STATE OF THE S
	when the condition of property of
	1 1 strong & All mode of taken ground to
1 000 1	The second of th
(Since	Local wild all constitud offering missing
	Ladina Contract and all the state of the sta
di la pagnara na Maria ka na na na	

	Land Landson	-			
	Assignment :- 2				
	A Company	-	/	and the same of th	
-	المستعدد المستعدد	I municipality	1	and the same of th	
And:	Explain about remious Events and Effects of javen				
	I guery is tuilor-made to respond to events in an				
	-> All the different visitors extrans that a web				
	page can	respond to a	use called	eent.	
	An even	- represents t	la conte	e moment	
Line is	when som	nething pupper	ne precis	e sinonie.	
	Ex: amvir	og a mowe or	er an al		
		ing a radio b			
3.2	1	ng on on ele			
		1 'Fires / Fired			
	events. Ex	The keypoess	eventic	Gived the	
	moment	you press at	ceu to mai	and with the	
	Here are	Some comme	n DOM ex	cents of	
	Frent Mouse	keyboot Frents	From Event	Document/window arm	
	click	key press	Submit	loud	
	dbelick	keydown	change	resize	
	mousenter	keyup	FOCUS	Scroll)	
	mowelcare		blus	umloud	
	Actoria ba		45 15 1	1	
	· Iquery Effects:-				
	= Jguery hide (), show () & triggle ()				
-	you can hide and show HTML elements with the				
	hide () and show () methods.				
-	you can toggle between the hide () and show()				
	methods with the toggle () method.				
	> Syntax: - \$ (selector) hide (speed, callback);				
	* (selector) show (speed coullbuck).				
	\$ (selector), toggle (speed coullbank).				
	The optional speed parameter specifice the				
	speed of th	e hiding sho	wing and	m Krieka	
	take the f	ollowing value , 15	Jow", "Fut"	or millipseconds.	
		the same			

	> The opt	ional callback parameter is a function
	to be co	recuted after the bide () or show ()
	or togg	e () method completes.
	Explain	about iquery manipulation methods.
Ang:		provides rusious methods to add,
	edit or	delete Dom element in HTML page.
_		wing tebre lists some importent
guder, a	methods	to add/ remove new DOM elements.
		the second secon
1 50000	Method	Description
		Inserts content to the end of element
		which is specified by a selector
	b-co-e()	Inserts content before on element
	Dero se C	which is specified by a selector.
		To an element
	CIFTERO	Insert content utter on element
1, 1980 21		which is specified by a selector
	Preisend()	Insert content at the beginning of
· fluidel	in Cheviden	on element specified by a selector
har gara	semove()	permoves element from Dom which
Link has	1000 Trota	is specified by selector
· bas	replace ANC)	Replace target element with specified
	1 1 2 1	element
. About	Word ()	Word an HAMI stoucture around each
	never deriving	element which is specified by selector
	in a	1001100
1		e promise Note to a modern to the action of
	1 - 1	water a separate and the second secon
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	f	
	//	
1	Compaire JSON and	ML
- 51	is it is load to a contract	anti cina com profit
And:	JSON JSON	× MI
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74	Abtition	It is Factonsible mea
100	Notation	language.
2 1	- It is based on Javascoipts.	This desired from some
-sm.	It is a cody of represent-	This moistann I company
	ing objects	and uses the structure
1000	A CCOTTON AND A CONTRACTOR	to represent duty iten
	It does not provides any	It supports number
1	suppost for normerbace	Spaces.
	The subboats cracin's	It doesn't supports and
	THE GOE NEW CON	- Its dayman land
. ~ ~	to seed as compared to XMI	comparetti vely difficul
	The state of the s	to seed and a
-	It doesn't we end truy	Tt hus start and 11
	- It is less secrimed.	It is more seawed
-		than JSON
	It doesn't supports comments	- It supports comments.
	Debouts only Our-8.	It supports various
	en coding.	enceding
9	Frencheim about man	
Ind	Explain about JSON	certifys with comple
	Stuared as seconds	ordered lich and
No. 1	TISON army com store	multiple veiling,
	object in JSON city,	imber, booleem or
	Ja JSON CLORY,	
	by comma.	must be separated
_		0.000
	> The [Csquare bracket)	reportents JSON assi

	JSON Array OF Springs:-
	> Let's see on comple of JSON armys storing
	string values.
	ex:["simday"," Monday", "Triesday", "wednesday",
	"Thursday", "Friday", "saturday"]
April 1	Sand Strong Colored A. Ed. Marketti Mills.
1 3012	JSON Amy of Numbers:
400	tet's see an example of JSON arrays storing
	number volves
M.	ez; [12,34,56,43,95]
	THE MY MOST COURSE ON THE SECOND IS
	JSON Army of Booleans:-
	> Let's seen an example of ISON arrays storing
	booleen values
	exi [true, true, fulse, fulse, true]
bodolivat	pend dan alords is ad the kind solders reacted
7 - 6 - 1	JSON Asking of objects:
	> Let s see a simple JSON warry example having
	4-10bjects of maraborator advisor has
	ex: 1"employees": [
X rage.	E"norme": "Rum", "emcu" ": " oum @graceil. am, "uge":23]
	¿'nome": 'shyam", "emou"/": "shyam 23@gmui) com; 'age" - 2x},
rolling.	E'nome"; " John", " omail! " john agmau". cm", "age ": 333
	1 1 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
33	same i am the selection the more has
	JSON Multidimensional Array:
	We can store doney inside JSON corray, it is
3-, 2-	known as comey of growing or multidimensional
1	crossings it irrand raises while and their heart
	Ex; [
	[707 "6", 70 "]
60	('m", "m", "o")
9.300	['x", "y", "z"]
and the second s	Janes de la companya
	1

Assignment:-4

	Issignment: 4
	The state of the s
	The state of the s
	Fooplain AJAX and its enablecture.
mo:	AJAX strinds for Asimphananis T
	the mutspell it is the
1	XML Http Request object to communicate with
	(Control of the control of the contr
-	Various frament in I deceive information in
-	TON YOU
	and text files.
- Corre	· April and and and and a second
	AJAX Architecture:-
	The state of the s
-	with Javaserrer pages toda to T
	pages reconciled a line and a
- T	the ma web point airing
74	and enter the subscription To which the application
	is selle time.
-	As the ID is validated asynchronously, the year
- 1	more incorrection
	or publisher of
	the screen will Disculate !!
	balled on alles chaire
	selection the Titles list is
11.7	All those lists will populate in real time
	The ocion is one to
	but still the duty ames from the buckend
-74	> This is what maken A:
	top not wait for
	does not wail for page reload to amplete
	because there is no page relocal.

			The I have been seen as the second of the se	
		in it - de marine	aled all the	
- 1		Initial request		
	100	A SVES HTTP	Business Logic	
P. has		Initial response		
1.6	Control Control	may include css and Javascript	Template Renderer	
		di B daddini		
	user Interface	XHR Request	Router	
		Response: JSON, XML, Plain Text	a der	
	Java Script	or HIML Fregment	server side Language	
		<u> </u>		
	client (Web Brows	3)	Web server	
-	_			
2.	Explain file of			
nd:	Node. Is is a Javascript runtime built on drome's US			
	ti .		1 1	
	Javascript engine.	Node Is helps dev	elopess to wonte Juvuscont	
نط				
<u> </u>	code to sun on	the server-side, to	semenute dynamic	
ا حوال	code to nun on	the server-side, to	b eliments.	
	code to run on content and de > To handle file	the server-side, to diver to the we operations like	semenute dynamic	
, , , ,	code to run on content and de site deleting etc.	the server-side, to liver to the we operations like	semesute dynamic b climents. creating, reading,	
, , , ,	code to run on content and de > To handle file deleting etc. > To use this file	the server-side, to liver to the we operations like	b eliments.	
, , , ,	code to run on content and de > To handle file deleting etc. > To use this file method:	the server-side, to diver to the we operations like system module	semesute dynamic b climents. creating, reading,	
1 1 2	code to run on content and de > To handle file deleting etc. > To use this file method:	the server-side, to liver to the we operations like	semesute dynamic b climents. creating, reading,	
- A	code to run on content and de > To handle file deleting etc. > To use this file method: Var FS =	the server-side, to the we operations like system module require ('Fs');	semesute dynamic b climents creating, reading,	
- A	code to run on content and de > To handle file deleting etc. > To use this file method:	the server-side, to the we operations like system module require ('Fs');	semesute dynamic b climents creating, reading,	
- A	code to run on content and de > To handle file deleting etc. > To use this file method: Var fs =	the server-side, to the we operations like system module require ('Fs');	semesute dynamic b climents creating, reading,	
	code to run on content and de > To handle file deleting etc. > To use this file method: Var Fs = Common use fo Read files	the server-side, to the we operations like e system module require ('Fs');	semesute dynamic b climents creating, reading,	
V	code to run on content and de > To handle file deleting etc. > To use this fire method: Var fs = Common use fo Read files Greate files	the server-side, to the we operations like e system module require ('Fs');	semesute dynamic b climents creating, reading,	
- A	code to run on content and de > To handle file deleting etc. > To use this file method: Var fs = Common use fo Read files . apdate files	the server-side, to liver to the we operations like system module require ('Fs'); or the file system	semesute dynamic b climents. creating, reading, s, use the require() tem module:	
- A	code to run on content and de > To handle file deleting etc. > To use this file method: Var fs = Common use fo Read files · create files · update files · Delete files · Renume files	the server-side, to liver to the we operations like system module require ('Fs'); or the file system	semesute dynamic b climents. creating, reading, s, use the require() tem module:	
V	code to run on content and de > To handle file alcleting etc. > To use this file method: Var fs = Common use fo Read files · create files · update files · Rename files Read files	the server-side; to liver to the we operations like e system module require ('Fs/); or the file system	semesute dynamic b climents. creating, reading, e, use the require() tem module:	
V	code to run on content and de > To handle file deleting etc. > To use this file method: Var fs = Common use fo . Read files . Execute files . update files . Renume files . Renume files . Renume files . Resid files . Resid files	the server-side; to liver to the we operations like e system module require ('Fs'); or the file system	semestate dynamic beliments. creating, reading, e, use the require() tem module:	
*	code to run on content and de > To handle file deleting etc. > To use this file method: Var fs = Common use fo . Read files . Execute files . Update files . Renume files . Renume files . Renume files . Resid files . The fs. read file your computes	the server-side; to liver to the we operations like e system module require ('Fs'); or the file system	semestate dynamic beliments. creating, reading, e, use the require() tem module:	

	ex; Vax http = require ('http');
	Var Es = require ('Fs');
	http. creutescover (Minction (reg, des) }
	Es readfile ('demo File I a html', hunction (cor, delty)?
	· res. writeHeard (200, & content - Type: 1 text/3);
	res. write (duta)
	return re , end ();
	30; former and and and the
	32tisten (roso);
Service of the servic	in the second traduction of the second second
	create files:
-	The file system module has methods for
	creating new files:
	Escippend Hele () who all mining
4/2	
m 18 11350	The following the file of the state of the s
55m+	The fs appendate ()
	The fs. appendite () method appends specified
p m	content to a file It the file does not cocist, the file will be created:
	Es; Var Es = regruire (1 Es1);
()m	The feet and and decline and the second
	Finction (err) &
	it (ess) throw ess;
	consoler log (saredy);
	= 13); main and at my him more of
	update Ales:-
	The Cile enclosed
	The file system module has methods for updating
	12 19 19 19 19 19 19 19 19 19 19 19 19 19
	* s. appendfile()
	The Ge waite file ()
to fa	- The fs. appendice method appends the specified
	ne end of the specified alla
	CO DE DEVILORE (C()
1	Fs. appoind file (my new file 1. +x+ , 1 This is my text,
	Function (cor) &
,	

	it (err) throw error;
	console log ('updated;');
	3);
	Delete files:
	To delete a file with the file system module,
	use the Fs. unlink (method.
-100	- The Fs. Unlink () method deletes the specified
	G'le:
	Esc Var Es = require ('Es');
	As unlink ('my new file 2. +x+', function (est)
	if (ess) throw ess;
	console log (Ifile deleted 1');
30	3);
	Renume files:
_	To rename a file with file system module,
	we the former () method renames the specified
	Files: Ex; Var Es = require ('Es');
	Fs. rename ('my new file 1. +x+', 'my renamed file. +x+'
	Amchion (em) ¿
b.	it (ess) throw ess;
	console log C'file Renormed!');
177	3);
P. 10.	
,	