

Vidyavardhini's College of Engineering and Technology Department of Artificial Intelligence & Data Science

AY: 2024 - 25

Class:	TE	Semester:	V
Course Code:	CSC202	Course Name:	auto Computing

Name of Student:	Sainath Khot	
Roll No. :	20	
Assignment No.:		
Title of Assignment:	Web programming fundamental	
Date of Submission:		
Date of Correction:		

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	2
Demonstrated Knowledge Legibility	3	2
Legibility	2	2
Total	10	8

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge Legibility	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty

: Miss Kshitüa Gharat : Gharat : 8/8/24

Signature

Date

Assignment No 1

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Explain DOM

The Document object model (DOM) is a programming interface from such document. It represents the structure of a document as a tree of object, where each nock companies to a pass of the document, such as an element, attribute a tool. The DOM allows developers to interest with and manipulate the content and structure of a unbpage using language like Java script for example you can use the DOM and change text add or remove elements as a respond to user.

Or Compare 2 protocols used for formatting & drangmetting the messages own intend with encusption, authorizentian, integrity & application

	^		
	Aspect	HTTPS	SMTP with
			STARTTLS
+	^		
	Encryption	Uses TLS/SSL to	STARTTLS upgrads SMTP
		encrypt HTTP data	To use TLS encryption
+		istransit	for emails
	^		
	Authentication	Usus digital	Typically relies an
		curtification authorize	SMTP authentication
-		((AS) to	mechanisms but itself
PO Grana		authoricate some	does not hardle authentistion.
	11		

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Integrity. Usus TLS to Employs hashing to ensure data May to ensure data integrity by encrypting has not bun the communication tempered with during tronomission chard, protecting against tempering Application Secures unt traffic features enail between browns & contesion of Surveyo (85 : HTTPS for between mail auboites sorms & mail dint 03 Idealify and explain different methods to retrine resource, a create new visuane, update the Vesource, modify the resources to delite the resoure which using the REST Style In RESTAUL web Services, CRUD create, peal, update delile Operations on resources are hypically handelye using standard HTTP methods there's an overyew of how each method is used to manage resources (1) Retring Resignas: The 'GET' method retriance data From a Server without modifying it. It is used to request a representation of a resource such as retring a met page or an API resource Eg. GET/ wars / 123 retrines the resource represent the user with is 123 FOR EDUCATIONAL USE ındaram

The state of the s	and the second s	The state of the s
	7	Create New Resource The 'POST' muthod is used to create a new Exource on the server The cleant sends data to the server which procure the data and treated in POST y were with a request body contains
	3.	Update Resource The PUT method updatur an existing resource or (vector a resource if it does not exist To in the request body Eg:- 'PoT/usurs/123' with a request body rentaining updated um details replaces
('		4. Modify Roserve The 'PATCH' method is used to used make partial applications to an existing resource. It modifies conty the spirified fields rather than replacing the entire resource. Es:- PATCH' war 123 with a request body containing change up date only the spirified party of the user resource with 123
	<i>j</i>	

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5. Debre Resone - The Delete method remove a resource from the serur It delits the resource identify by on URL. Es 'Ouls / won / 123' remour the usur resource with 10173 from the strum. FOR EDUCATIONAL USE Sundaram