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Supteme Date Page

SUB

NAME: SaiTejasreek STD: SEC: ROLL NO .:\_

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15/8 BASIC HTML concepts: Scenario 1: You are tasked with creating a simple personal webpage that include your name, brief bio and a website Question: How would you structure this HTML page? include elements for a heading a paragraph for the Bio Lhtml > 2 head > Llitte > Personal Webpage 1/ litte > 1 /head 7 2 body 7 Lhi7 Name: L/hi7 LPY Sai LIPY Lby y AP> This is sai studying 3 thyear 2/P>260> 2 P7 Visit my website La href = https://www. mstagram. um "> 2/a> Personal Webpage 2/P> visit my website 21body > Scenario - 2: You need to create a webpage with an image that acts as a clickable link to another website 1 html7 Ltitle 7 clickable image 2/title > zhead? 1 head > Lahref : "https://www.googli.com> 260 dy 7 ing src: "image . ifit " alt : Image" with : " Use PDF IMG to 4/a7

clickable image 2/ body 7 Image: ntp: 11 www. example. com" LIAmlz Scenario -3: You have been asked to create a navigation bar at the top of your webpage with with to Home", about" and contact pages Lhtmly Little > Webpage with Navigation Bar/ / Hither I head > 1 head > Lbody7 Lul 7 Lli7 La hret = "mdex. html" > Home L/azelli 2li7 Lahref = "about. html" 7 About 2/a7 clix Lli7 La href = "contact. html "> contact alarch OP Name age 1/W/7 occupation Libody 7 Sai 2/Atm17 Scenario - 4: - You are disigning a webpage that displays shuent grades in a fabular format 1 ntml> Llike > Student gradus Lititle > 2/head> Lbody > Lfable border = "2"> ctr7 eth> student Id 2/6/17 4th > Name LIth> Lth> Grade Llth> 2/14/7

LTYT

1 Hd 7 1001 2 Hd7 2td > Sai 2 ltd > Ltd 7 S 21td7 LITY PROPERTY ges. malataubact 21table > 2 body7 He > 2 1html7 OUTPUT Shedent ID Name grade 1001 Sai 5 Scenario -5: You need to execute a table that displays product information. The table should azellin include merged cells form these products. > Ulis a7 2/47 1ntml7 Little > Tables 2/1/14> Lhead > 1 head > L'body 7 table border = "1"> Ltn. colspan = "2" - product Name Lith > that mat. Lth 7 price Llth7 1th > Quantity 21th> Litry Ltd colspan = 2 "> Product A Lltd > Ltry 2td 7 1200 cltd> 2Hd 7 1 2 Hd 7 LITYT Ltd colepan = 2 > Product B < 1td> LLYY 2td7 1500 2/td7 Ltd > 2 cltd> 2/tr7

Altable > 21 body 7 OUTPUT 2)htm17

Broduct Name	Price	Quantity
A A	1200	2
В	1200	

Scenario 6: you are required to create a table that iste employee details by department.

< ntml>

2title > table list 2/title?

1 head>

Lbody 7

Mable border = "1">

Ltry

4th > Department 2/th> Lth > employee Name Llth>

1187

ctrz

Ltd rowspan = "3"> Salus 2 ltd>

Ltd > Johnz Hd>

4tr7

477

Ltd rowspan = "2"> Marketing Lltd?

Ltd 7 Siva Lltd?

Lltry

LHOT SOM 2 (Ho)

Llery



1 Hable > 21 body 7 2 Intm17 OUTPUT Department Salus Marketing HTML frames : -Lhtm 7

ble

employee Name John giva Sai.

Scenario 7: You are tasked to create a welpage with a left navigation pane and a main using Prames in HTML?

Ltitle 7 Webpage with framis 21title 7 Lhead 7

2 head >

2 tramuset cols = "20.1., 80.1.7 Aframe src = "navigation html" name -Ltrame syl = "content html" name = "mainframe,

1 frameset >

4/html>

Navigation - Hml :-

1html 7

Little > Navigation 2/1/142 1 head >

1 head >

260dy 7

Lli7 La href = "section 1. html" target = maintrame" >

Section 1 2 la7 2 lli7

```
Llizza hret = "section 2 html" target = "maintrame
         section 2 2/07 ellis
 2/W/7
           anish to palper
                             400003440
 1/body7
 21html7
 Content ntml:
   1html7
  ( head?
     Ltitle > Main Content & 1title >
wheat was management the
    2h17 Welcome 2/h17
    LP7 This is content area LIP7
 2160dy>
 21 htmly
Section htm):
 Lhtmly
 2 head?
   Little > Section 12 /htle >
 c/head>
4body7
  chi > Section 1 clh1>
  cp> this id section 1 page CIP7
21body >
chtml7
Section 2 . html : -
Lhtm17
( head >
   Little > Section 2 ( 17itle >
Lihead?
 Chody 7
       Eniy Section 2 Chiz
       LP7 this Section 2 page LIP
```

2160dus

ame Welcome Section 1 section 2 this is content area scenarios: You are asked to disign a webpage mat displays a document in the top half of the window. Lhtmly Lhead 7 Llitte > Frames Clittle > L head 7 2 frameset rows - "50.1. 50.1. "> cframe src = "document ntml" name = tofframe: " · L frame src : "footer . html " name : "bottom enter frame "> Document page This is Content of Document. 1 trameset > scenariog: - you need to create a webpage with 21html7 three volumns a left nav means, a centre content area. How would you structure the framest HIML to create this layout. 2html7 Little > Frames clittle > chead 7 cframeset cols: "20.1., \*, 20.1.7 "Left Frame".

Cframe src = "nav. html "name." left Frame." Llhead > Gendling: auto' 7 Aframo src = "content ntml" name. "centre frame " scalling : "auto"> Atame svc = " sidebarhtml " name. "rightframe"> 1 frameset > 1/html7

Content ntml: chead? Content a little? Zhtm 17 Cihead chi > welcome to Content Area cihi> 2 body 7 LP7 resize content area in centre of the page LP> 21body7 Lhtm17 gidebar.html :. 2 head? Sidebar (11itle) Additional info c[h1> Loody 7 LP7 " This is right sidebar to display additional into "> 1 160dy 7 1 Mtm 17 OUTPUT : Additiona sections welcome sections This is content page Sidebar to display additional into

```
Analytical:
1) University course registration cytem using X HTML
  and DHTML. The system should manage tasks like
  available courses, registering students, displaying
  student registrations etc ... !
  4 html >

    Ahtml kmlns: "http://www. w3. org /xhtml">

  shead y
     2 little > Course Registration 2/title >
        table, thitd & border: 1 px stid black;
     2 style 7
   padding: 10px; 3
 ascript type = "text / javascript">
 2 style >
   function add Course () {
     var name - document. get Eliment By Id
          ('course Name'). valle;
var node = document . get Flement By Id ('course)

var instructor : document . get Flement By Id

('course Instructor')
              ( 'course Instructor'). value;
 y (name el e code el instructor)
  var table : document getflement By I d
                     ('course Table');
var voio: table. insert Row (-1);
now. insestell (0). innerHTML: name;
now inserted (1) innerHTML = lode;
now inserted (2) innerHTML = instructor;
al script >
1 head 7
```

ay

2 body >	1 1 hi7				
Lhircourse Registration	1 " Course Name"				
in mut pine -	1 7				
place holder.	1 id : course voue place				
input type = "fext	de " 17				
Linput type = "fext" -holder = "course Ca"	id = " Course Instructor"  id = " Course Instructor"  id tourse () "> Add Course  Albutton >				
"text	10 17				
singut "Instr	acros " - Add Coun				
peters melick = a	ad course >				
7 Pridou	actor " 17  add Course () " 7 Add Course  Libutton >				
Hable id: "course To	11th > 2 th > Course				
atry ath 7 Course	Name althy athy Course network althy				
Codo Althor LHAT I	native for Alth 7 21try				
uta .	AND STATE OF THE S				
d Hable >	Manual and Manual And				
2 I html 7	Harriss )				
a TRUE :					
university course!	Registration System				
Course Code !	TO BE STORY OF THE PARTY OF THE				
Course Name :					
Add Course					
Course Code	Course Name				
ece 345	elic				
Mary July Graning	155				
. Design a responsive	blog layout using ls.				
a layout using ess	The lawout show				

2). Design a responsive blog layout using the layout using CSS. The layout should hardle tack such as creating a header, side box, main content area and footer.

[ Navigation Box].

```
Intml >
 2 nead 7
    Little 7 Blog Cayout Little >
   Llink rel = "stylesneet" href = "styles. C357
alhead >
 & body >
    L'header 7
      INI y My Blog Alhi7
      A nav >
  La hret = "thome "> Home L/a7
  La nyef = " # about " 7 About 2/a7
 La href = " #blog " 7 Blog 1/a7
 da href = " # contact " > Contact 2/a7
2 nav 7
1 header >
  Ldiv class = "container">
  2 avide y sidebar content a lavide >
  2 main > Main Content Area 2 main >
Llairy
 & footer y & copy; 2024 My Blog & looter >
Llbody 7
2/html7
OUTPUT :-
               My Blog
  Home! About i Blog! contact
    About Me
  some information
     Categories
                     Blog post
```

Welcome

ace

4 256

urse

3). Implement a real filme stock price viewer will AJAX. The system should fetch and display Stock prices from a remote API. Use AJA, to make a request to stock price API and display the result on the page. Lhtmly Little 7 Real firme stock Price Viewer XItity, Lhead 7 d Style 7 -family: Arial, sans-serif; body & text-align: center; padding: 20px; #stock-price { font - 8120 : 29 PM; margin - rop: 20px; (oloy: #333) input (type: "text") { padding: 10px; margin -right: 10px; padding: 10px 20px; bulton f 2 1 Style > d script 7 function fetch stockPriu() const company symbol: document. gettient By I d ( 'stock symbol'). value! 4 (! company Symbol) [

```
er evin
           alert ("Please enter a stock symbol");
KACA
           return;
          const xhx = new YMLHttpRequist ();
           xhr. open ("GET", apiUrl, true);
          xhr. onload: function() f
Klither
            4 (xnr. status = = = 200) &
            Const. response = JSON. park (xhr. vesponse
          doument. get ElementById ('stock-price').
              innerHTML = 'current price of 9;
           downent. get Element By Id ('stock-price').
          3 else &
                innesPITML - "Failed to fetch.";
          xhr. merror = function() {
            document. getElement By Id ('stock prici)
                   innerHTML: "Error";
          xhr. send ();
          SetInterval (fetch Stock Price, 6000);
         alsompt >
         d head >
            2hi > Real time Price 2/hi>
          2 body 7
           Linput type = "text" id = "stock-symbol
         place holder: " enter stock cymbol 17
retelement
         Abutton onclick = "feten stockfrice()">
               Fetch stock Price & Button >
u)
         adivid : " Stock Price "> stock price will
                                      appear Adivy
         1 body 7
```

2/ html7

Stock Price Viewer Enter Brock Symbol : [AAPL] Current Price of AAPL: 4 XXX.XX H) Develop a shopping cart system using javasung.
The system should handle tasks such as adding terms to cart, removing items, updating quantities, calculating total price and uproading discounts. function addition Cart ( item 2d, item Name, ut shopping cart = []; itemPrice, item Quantity) & const existingstern = shopping Cart, find if (existing I tem) {

(item = 7 item Id); existing stem quantity + item Quantity; console log ('updatif & & item Name 3); bely & const new Item = 1 id: ItemId; name: itemId, price: irem Quantity Shopping Cart. push ( new Item ) i Consoli. log ( 'Added & Sitem Name y') updated (art Total (); PDF IMG to PDF

na

```
function update Cart Total ()
           ut Total Price = 0;
           shopping coxt. for Each ( item = 7 £
              totalPrice + = item. price * item. quartity;
a sempt
          Console. log (' Total Price: $ $ fotal Price. to
ating
                            Fixed (2) 31);
         addItemTo Cart (1, "Laphop", 999.99,1);
         add Item To Cart (2, " smart Phone", 499.99,2);
         add Item To Cast (1, " Laptop", 999.99,1);
         OUTPUT :-
              shopping cart
mId);
              Apple $1.00 x 3
              [Remove Button]
             Banana - 4 0.50 x 5
3);
             [ Remove Button]
            Total: $5.50
         Apply Discount [Button]
         Enter Discount Code [ input field].
      5). Developing a website for a local restaurant.
         It should add menu items horizontally
        menu on smaller screens. Write HTGL
        2 css code to exeat this responsive
);
        ravigation bar.
         Lhtml >
       Line rel = " Stylusheet " href = "stylus.css">
Line rel = " stylusheet " href = "stylus.css">
```

knav claus , "nav bav" > L'body 7 Adir class, " logo" > 2hi7 Restaurant & 1hi7 "nav. Links" id - "navlinks"; LLIT La hvet "#" y Home & Jarxilis Llitka href = "# " 7 Menu Alat xilis Kli7 Kahref = " & " y About us Klark Alitha hyef = # "> contact Llayell Ldir das " hamburger "id = "hamburg 2 span y 2/span > xldiv> court namburger, drawment get flux Linary d script > By Id ( hamburger ); const navlinks; document: get Elemently 21 script ? Libody ?. CSS :margin: 0; , padding o IMG to PDF font fam : Anal ;

```
navba Y { display: flex;
              justify-content: space-between;
            · Logo ni & while;
2/lis
           namburger 1 none;
display none;
cursor pointer;
イフムしらっ
7 < 1 ५७
           . namburger span (
             background whos: white;
mburgen
           3 height: 3px;
          output :- Responsive Rustauvant
tenent
                        " Ristaurant
            Home Menu About contact
1);
J-By Id
              Hamburger
nhs');
       6) Her Registration form for a social networking
        website. The form should contain username,
         email, purd. HTML code.
          THEM! >
              Little 7 User Registration Lltitle >
             · er vor (cotor: red; 9
· er vor (cotor: red; 9
· form - group & margin - bottom 15 px; 3
          dstyle >
         alshyle >
         1 head 7
                                                   PDF IMG to PDF
```

about 1 de " registration"> dir dass: "form-group"> Llabel for : " wername "> Username: 2 labely Linput hype = "text"id = " username" name: "wername" required > Label for = "email" y Email: Llabel? Linput type = "text" id = "usernam", & spanid = " email error " class = "error"> Label for = "purd" > Parsword: Allab! Linput type = "pwd" id : "pwd nam";

pwd "required L'Ester ? submit " > Register / Libutton? 2 div 7 document get Element By Id ('reg form) diform > a sempty oddeventlistener ( cubmit! function) const email: document. get Element 841/ vot prassword: 1 let is valid = frue; const password: document. get Element By ('pura'). value) OUTPUT & sumpt 7

2 lbody 7 2 lhtml7	
OUTPUT :	ser Registration
username	
user Id phone No	
7.00.00	