

HW

Tuesday, May 2, 2023 12:14 PM

12-May-23

1. Create a route for guestrouter mapped to /atithi as discussed in class add following APIs
 - a) Method=GET url="/" show the name of the host as discussed in class
 - b) Method = GET url="/all" show all the names in the list with index
---- create a new array using `arr.map ((e,index)=>{ return index+"."+e})`
 - c) Method =POST url="/addguest" pass a query parameter "guestname" add it to a guest array on server side
 - d) Method = GET url="/guestcount" show the total count of guests added already
 - e) Method = PUT url="/changeguestname" pass two path parameters the first one is the index of the name already in the list and second one is the changedname . Change the name on the specified index
 - f) method = DELETE url="/removeguest" accept a path parameter that is the index to be remove . Remove the entry from the guest array

- 2) Write a route productrouter mapped to path /product create an array of products
 - a) Method =POST url=/add pass a request body {

```
"productId":1
"productName": "AAA",
"costPerUnit": 30
"units": 2
}
```

Add this product Info the products array
 - b) Method = GET url=/getInfo pass the product Id as query parameter
Client will receive the entire product object for that ID
 - c) Method = GET url=/all show all array
 - d) method= PUT url=/changecost accept product Id and cost from user as path parameters and change the cost for that product Id
 - e) method= DELETE url=/remove accept a product Id as path parameter and remove it from array
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10-May-23

1. Write an HTML that has `<body> <div> <div>`
 Use parent to set the css of the outer div [user inner div set css of outer div]
 Use the find to set the css of the inner div [using outer div set css of inner div]
2. Write a registration form in an html
 Validate the name as non empty, non numeric and length >2
 Validate the dob such that the age is not less than 18 age is not > 100

 Validate the email such that it has @ and dot
 Validate the address such that it has a string "pune"
 On successful submit go to welcome.html
3. Write an html that is accepting a date of joining give a range using html validation , make it compulsory
 Add a text field to describe the job give minlength and max length
 Submit the form if the validations are false show messages
 If validations are OK then go to welcome.html

9-May-23

1. Using JQuery write an html that has a button-OK . When button is clicked display hello in a `<p>` tag
 Display italics hello in another `<p>` tag
 Display underline hello in third `<p>` tag
2. Using JQuery accept a number from the user in a textfield - on change show the factorial of that number in a `<p>` tag
3. Using JQuery accept num: table from and table upto in 3 textfields
 for ex num=5 from=1 to =5
 On click of show button
 Show maths table in html table with a border and 2 columns

5 * 1	5
5*2	10
5*3	15
5*4	20
5* 5	25
4. Using JQuery animate() API , write a div that has a nice quote in a nice font , color and size . Run the scroller from left to right 4 times , then R to L
 On click of the button
5. DO the custom attribute example on printing text on multiple lines on your own.
6. Write an HTML that shows an AD that fadeIn on the screen
 Give a button-disappear = onclick of the button fadeOut the AD from the screen

7. Try the slideDown and slideUP APIs as discussed in class

8-May-23

1. Try all assignments done in class
2. Write a class Product with properties productName, productCost and prodDesc and showProdDetails function
 - a. Use "class" syntax . Create objects and call showProdDetails
 - b. In another file create same class using function constructor syntax create objects and call showProdDetails
 - c. In another file create a JSON object with above properties and function Call the showProdDetails
3. In HTML show a textfield and button. On button click show all the property names of the textfield element using for-in
4. Using CSS Box Model adjust the margins , padding and border of multiple div as discussed in class
5. try out the array example to push Person details in array and show all person names on button click as discussed in class

6-May-23

1. Accept a date from the user and show the day on that date in words in a <p> tag
2. Accept a birthdate from the user and show the age in <p>
3. Accept a birthdate from the user and tell the day when it will come this year
4. PRACTICE all the function and lambda syntaxes

5-May-2023

1. Show a textfield and a checkbox and also show a label . When the checkbox is checked then textfield is READONLY . If checkbox is unchecked then we can modify the text in the textfield .
2. Accept a number from user and show 3 radio buttons only one of them should be selected at a time
 - 1st radio for square
 - 2nd radio for cube
 - 3rd radio for as it isWhen the radio button is selected then corresponding value should be shown in a <p> tag .
3. Try out <iFrame> tag in html
4. Write an HTML that will Show links for all the htmls that you created upto now (<a>). Show one iFrame on the page that will render the html when the

respective link is clicked

5. Observe the 5-May/ex1.html and 5-May/ex2.html for different usages of selectors . MAKE changes (sequence, given common properties)and play !!!
6. To the Currency Converter written yesterday apply external css
add different selectors of your choice . [refer to externalcssex.html
discussed in class]
7. Write an HTML that arrays.html
Show a textfield - accept a value
Check if the value is present in the array --- display found or not found
in a <p> tag
Show a button add-to-end } if this button is clicked then append in
the array

Show a button insert-at-index , tf to accept index
On click insert the value at that index and show the final array in
another <p> tag

Show a button remove tf to accept index
Remove that element and show final array in another <p>

4-May-2023

1. Try string functions - charAt , substring, concat, toUppercase, slice
2. Try == , ===
3. write a function to accept a string from user and show it in uppercase in a <p>

tag on button click

write a function to show the string in lowercase in a <p> tag on
button click on lowercase-button

write a function to show the string in titlecase in a <p> tag on button
click on titlecase-button

4. -- write a function to accept 2 numbers from user and show their sum
Do it for - * / % square of n1

5. currency_convertor.html

Textfield , dropdown for FROM and TO

Rupee , dollar, euro To = rupee dollar euro

Convert-button = onclick convert the amount and show in paragraph
Rupee 80 = 80 1 \$ (for rupee symbol search for unicode
decimal code)

Apply a border over the entire fields

Apply bg color, color font for <p> tag with a internal border using
internal stylesheet

2-May-2023

1. Try out the tags as discussed in class
2. Write a HTML file Resume.html
Use <h> tag for TITLE of the RESUME use underline
ADD these in a div tag , make the title bold and content normal
Name: ggkdf
DOB :gdfgdf
Qualification :fgdfg

Table tag and for Degree Details use suitable <h> tag, show border
Show your Degree Details in 3 columns - year of passing , degree name,
grade

Use <h> tag Hobbies

Use to list the hobbies

Use <h> tag About Yourself

Use a <p> tag to write description

Add your photo

HW2 ---- Write an HTML Student Registration Form
Accept first name , last name in textfields
Accept date of birth with input date
Accept city - dropdown
Accept educational qual in checkboxes for SSC , HSC ,UG , Degree, PG
Accept Gender in radio button
Show two buttons , CLEAR and SAVE
Show a TEXT AREA for Student intro

3-May-2023

HW1 ---- try out all examples done in class
HW2 --- write a script to tell whether a number is divisible by 5
HW3 --- write a script to show all prime numbers between 2 to 200
HW4 --- use switch case on a string
If the string is + show sum of 2 nums
- , * , / , % = show respective results

HW5 --- write htmls one.html , two.html and three.html
In one.html show hyperlinks for two.html and three.html
In two.html and three.html show hyperlink "back" it should go to one.html
show 3 different images on each html

HW6 --- Create an html for login.html
Label : textfield username and password and two buttons login and clear
Add the textfields and buttons in a form
Action of the form = home.html (show a welcome message in h1 tag)
Login button is a submit button
Clear button is not a submit button
OBSERVE the query parameters and URLs when login button is clicked - see that u navigate to home.html
OBSERVE that nothing happens when clear button is clicked
Add a "back" link in home.html to go back to login.html

HW 7 ----- Apply Inline CSS to the Resume.html done earlier , apply different color, back-ground color
Font and border for different sections

HW 8 ---- Apply internal CSS to the registration form done earlier
Give border and background colors for different fields

