HW

13-May-23
1. npm install hbs >>> in the mynodeproject
2. Write a login.hbs - show it to user through the server
   on click of login button if login correct render welcome.hbs
   in welcome.hbs
   <html>
           <form action="/calculator" >
                   Button for calc   ==> this will go to app.get("/calculator")
           </form>
           <form action="/maths" >
                   button for maths ==> this will go to app.get("/maths")
           </form>
       </html>

       Write code for calc and maths as discussed in class

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

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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 successfult submit go to welcome.html

3. Write an html that is accepting a date of joining give a range using html
    validation , make it compulsary
    Add a text field to describe the job give minlength an 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
    Distplay 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 let 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 prodectName, 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 properites 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 boder 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 lamda syntaxes

5-May-2023

1 . Show a texfield and a checkbox and also a 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 is
    When the radio button in selected then corressponding 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 uptil 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 Convertor 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

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HW2 ---- Write and HTML Student Registration Form
     Accpet 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

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3-May-2023

HW1 ---- try out all examples done in class
HW2 --- write a script to tell wether 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   uname 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