Semester-IV
2023
IT Project
ITCC14

A Project Report on

React (TASK BASED)

Submitted as partial fulfillment of the requirement

For M.Sc. IT - Semester IV

Prepared for Subject: IT Project (ITCC14)

Prepared By

Name of Student : Baldaniya Bhavdip H.

Enrollment No.:21mscit22001

Exam No.:

Shri Maneklal M.Patel Institute of Sciences and Research

Kadi Sarva Vishwavidyalaya

Department of M.Sc.IT, Gandhinagar

ACKNOWLEDGMENT

I am grateful to my internal guide ***Yagnesh vyash*** for providing me valuable guidance for the **IT PROJECT** (ITCC14) and other domain related information.

I would like to express my endless thanks to ***Ramesh Marand (tridhya tech)***, for giving invaluable advice, direction, support and transferring knowledge throughout the project work.

Also my hearty gratitude to Head of Department, **Prof. (Dr.) B. R. Pandya** for giving me an opportunity for learning through the process of project work by which I can improve my technical skills along with practical exposure and its applicability in the industry.

Name of Student:Baldaniya Bhavdip H. **Signature of Student:**

Enrollment No.: 21mscit22001

Shri Maneklal M.Patel Institute of Sciences and Research

Kadi Sarva Vishwavidyalaya

Department of M.Sc.IT, Gandhinagar

INTERNAL PROJECT CERTIFICATE

This is to certify that **Baldaniya Bhavdip H.** having Enrollment No. **21mscit22001** was working for the M.Sc. IT department as project trainee from <<15-dec-2022>> to <<14-apr-2023>>. During the above period, we found him/her to be very sincere and hardworking. He / She has completed IT Project (ITCC14) on <<***React task based>>*** satisfactorily under the guidance of guide.

We appreciate the enthusiasm & dedication towards work.

We wish him/her very best in all his future endeavors.

Project Guide

Mr. Yagnesh vyash
Asst. Professor
M.Sc. (IT) Department.

Prof. (Dr.) B. R. Pandya

Head of Department, M.Sc. IT

CoodeIT Solutions Private Limited
hr@coodeit.com
www.coodeit.com
9601108013

Date: 1st December 2022

To,

Bhavdip Baldaniya

Kadi Sarva Vishwavidyalaya,

Sector15

Gandhinagar-382015

Internship Completion Certificate

This is to certify that Mr. Bhavdip H Baldaniya, a student of MSC IT, Shri Maneklal M Patel, Gandhinagar has successfully completed 4 months (From 1 December 2022 to 30 March 2023) internship program in HTML, CSS,REACT & JavaScript with us
During the period of his internship program he was found punctual, hardworking and inquisitive
We wish him good success in life,

Yours Faithfully,

For CoodeIT Solutions Pvt. Ltd.

Kalpana HiragarHR

Manager

SHRI MANEKLAL M.PATEL INSTITUTE OF SCIENCE & RESEARCH

M.SC(INFORMATION TECHNOLOGY)

SEM-4

PROJECT REPORT: **TASK BASE**

COMPANY NAME : **Tridhya Tech Limited**

LANGUAGE : **REACT**

STUDENT NAME: **BALDANIYA BHAVDIP HIMMATBHAI**

ENROLLMENT NO: **21MSCIT22001**

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9. create demo DOM array model with sorting serching filtering
10. create demo DOM year counter
11. create demo DOM age calculeter

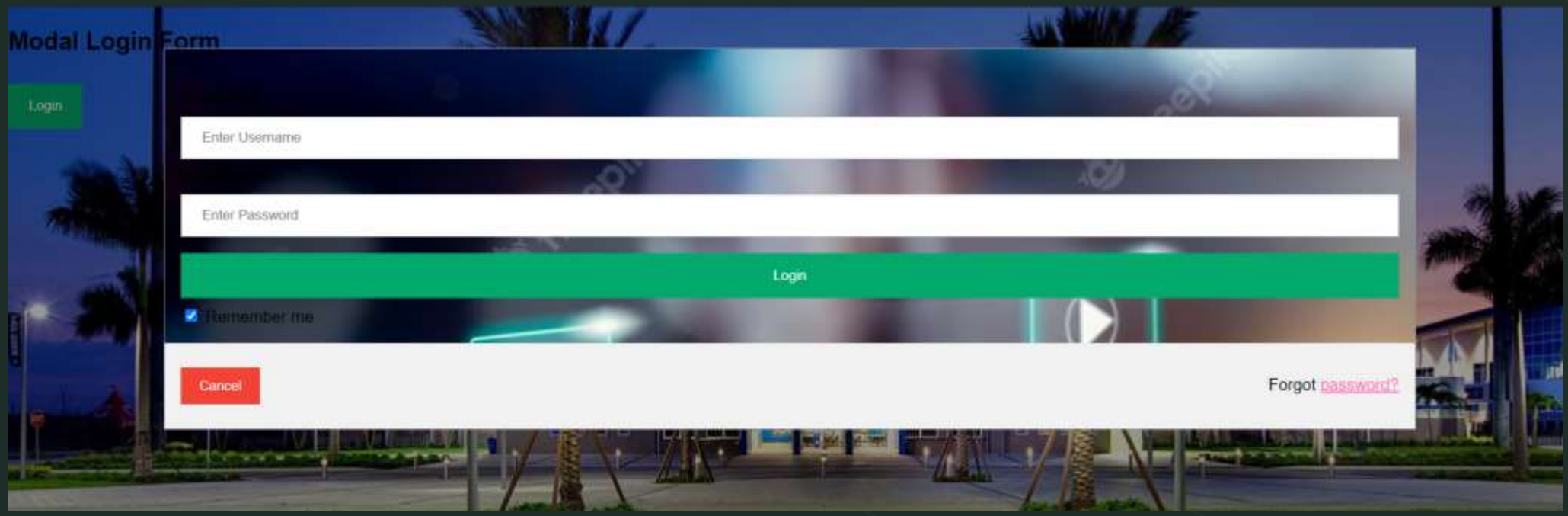
USING HTML AND CSS

Create login form, navbar and footer

```
    </li>
  </ul>

<h2>Modal Login Form</h2>

<button onclick="document.getElementById('id01').style.display='block'" style="width:au

<div id="id01" class="modal">

  <form class="modal-content animate"  method="post">
    <div class="imgcontainer">
    </div>

    <div class="container">
      <label for="uname"><b>Username</b></label>
      <input type="text" placeholder="Enter Username" name="uname" required>

      <label for="psw"><b>Password</b></label>
      <input type="password" placeholder="Enter Password" name="psw" required>

      <button type="submit">Login</button>
      <label>
        <input type="checkbox" checked="checked" name="remember"> Remember me
      </label>
    </div>

    <div class="container" style="background-color:#f1f1f1">
      <button type="button" onclick="document.getElementById('id01').style.display='none
      <span class="psw">Forgot <a href="#">password?</a></span>
    </div>
  </form>
</div>

<script>

var modal = document.getElementById('id01');
```

```
<!DOCTYPE html>
<html>
<head>

  <title>Google Icons</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
<style>

    body{

    background-image:url('./images/5f9f5e5943de7e69a1339242_5f44a7398c0cdf460857e744_img-
    margin: 0;



    }

    </style>

<style>
  a {
    color: hotpink;
  }
  </style>


<style>
body {
  background-color:white;
}
ul {
  list-style-type: none;
  margin:0;
  padding:0;
  overflow: hidden;
  background-color: #38444d;
}
```

This is a link
Home ♥
News ♦
Dropdown
Modal Login Form
Login
IMG ACADEMY

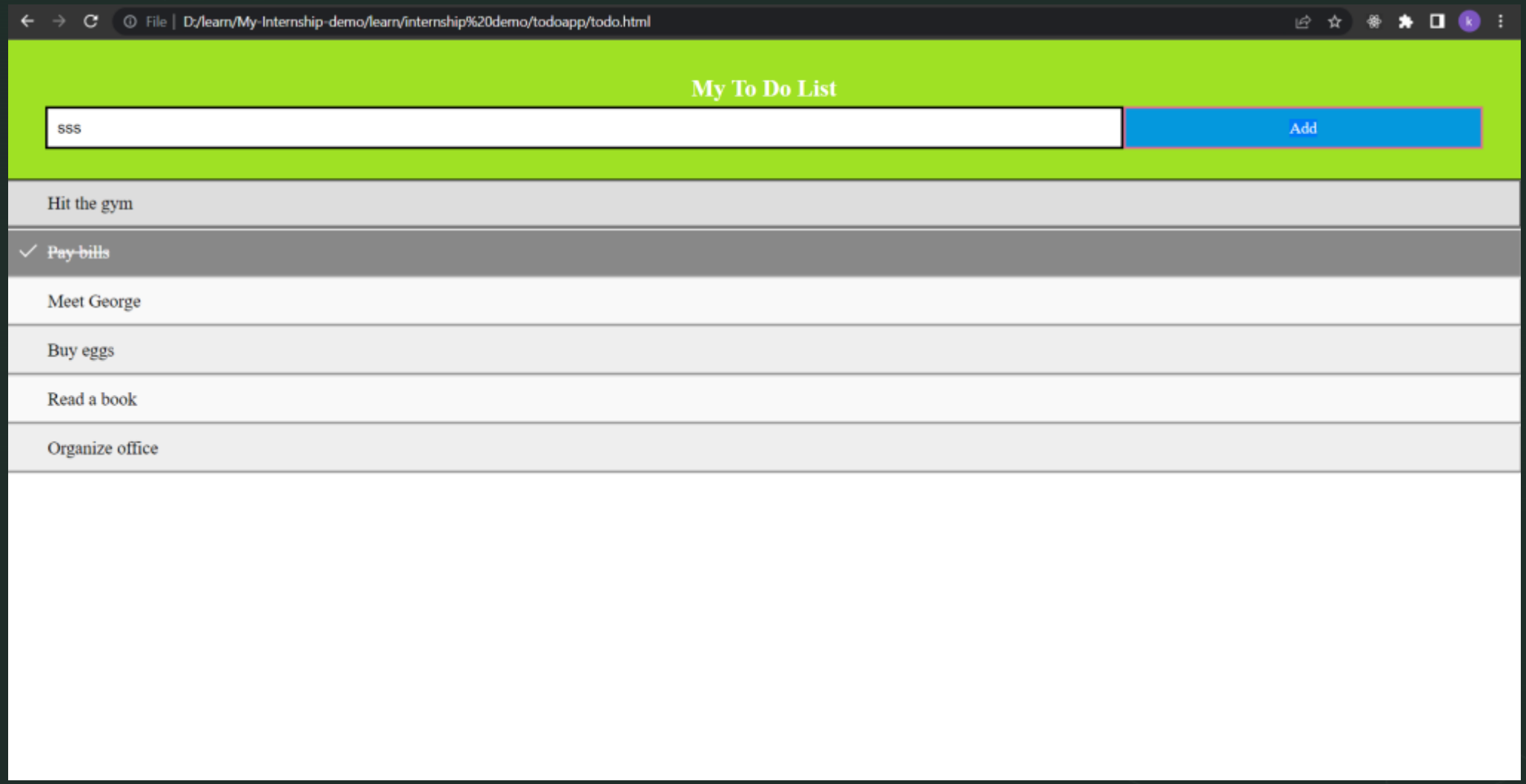

Modal Login Form
Login
Enter Username
Enter Password
Login
Remember me
Cancel
Forgot password?

using HTML CSS

Create todo app

earn > internship demo > todoapp > todo.html > ...

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>todoapp</title>
    <link rel="stylesheet" href="../todoapp/css/todo.css">
</head>
<body>
    <div id="myDIV" class="header">
      <h2 style="margin:5px">My To Do List</h2>
      <input type="text" id="myInput" placeholder="Title...">
      <span  onclick="newElement()" class="addBtn">Add</span>
    </div>

    <ul id="myUL">
      <li>Hit the gym </li>
      <li class="checked">Pay bills</li>
      <li>Meet George</li>
      <li>Buy eggs</li>
      <li>Read a book</li>
      <li>Organize office</li>
    </ul>
    <script src="../todoapp/todo.js"></script>

</body>

</html>


```


File | D:/learn/My-Internship-demo/learn/internship%20demo/todoapp/todo.html
My To Do List
sss
Add
Hit the gym
Pay bills
Meet George
Buy eggs
Read a book
Organize office

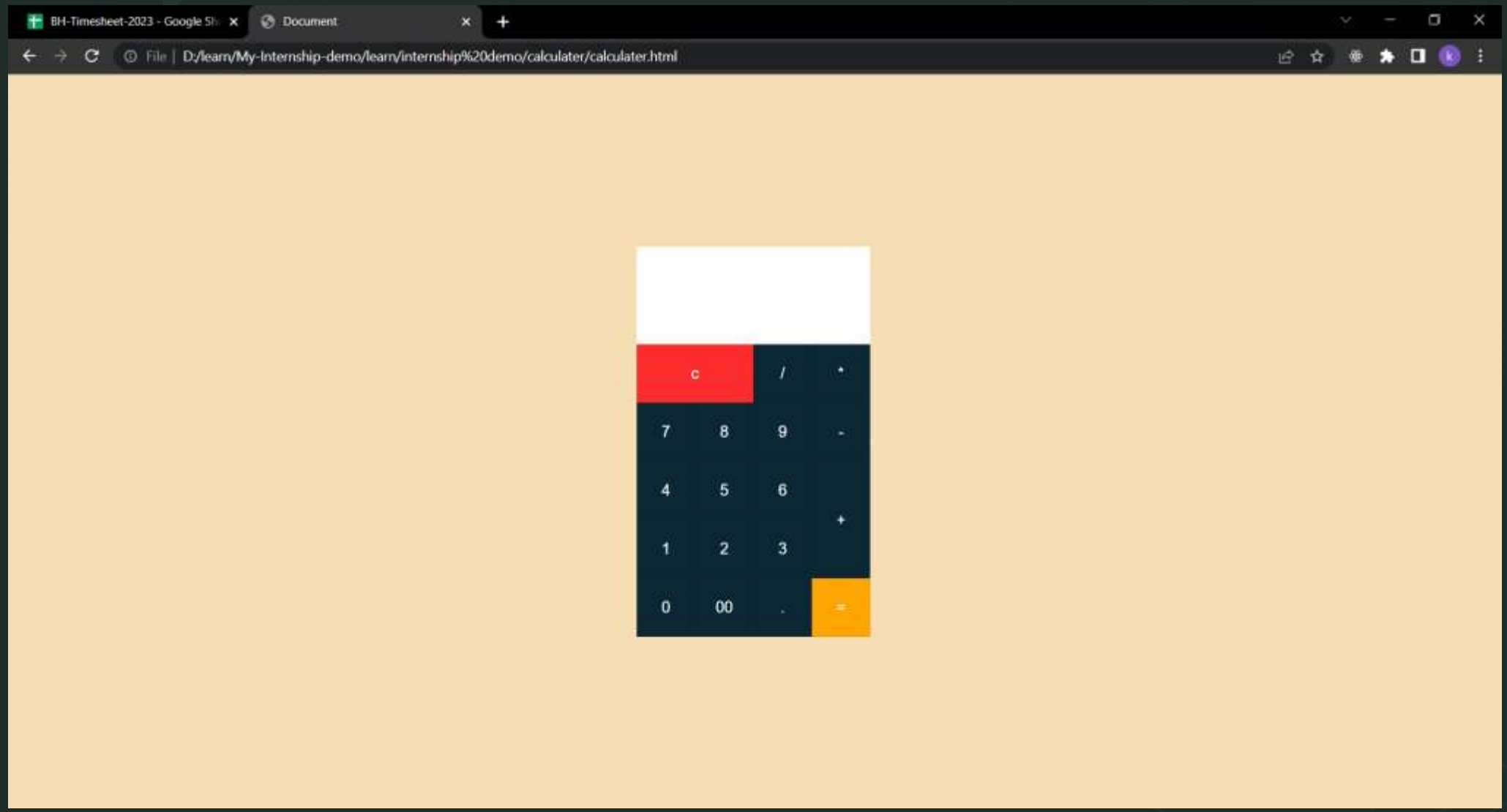
using HTML CSS

Create calculator

calculater.html

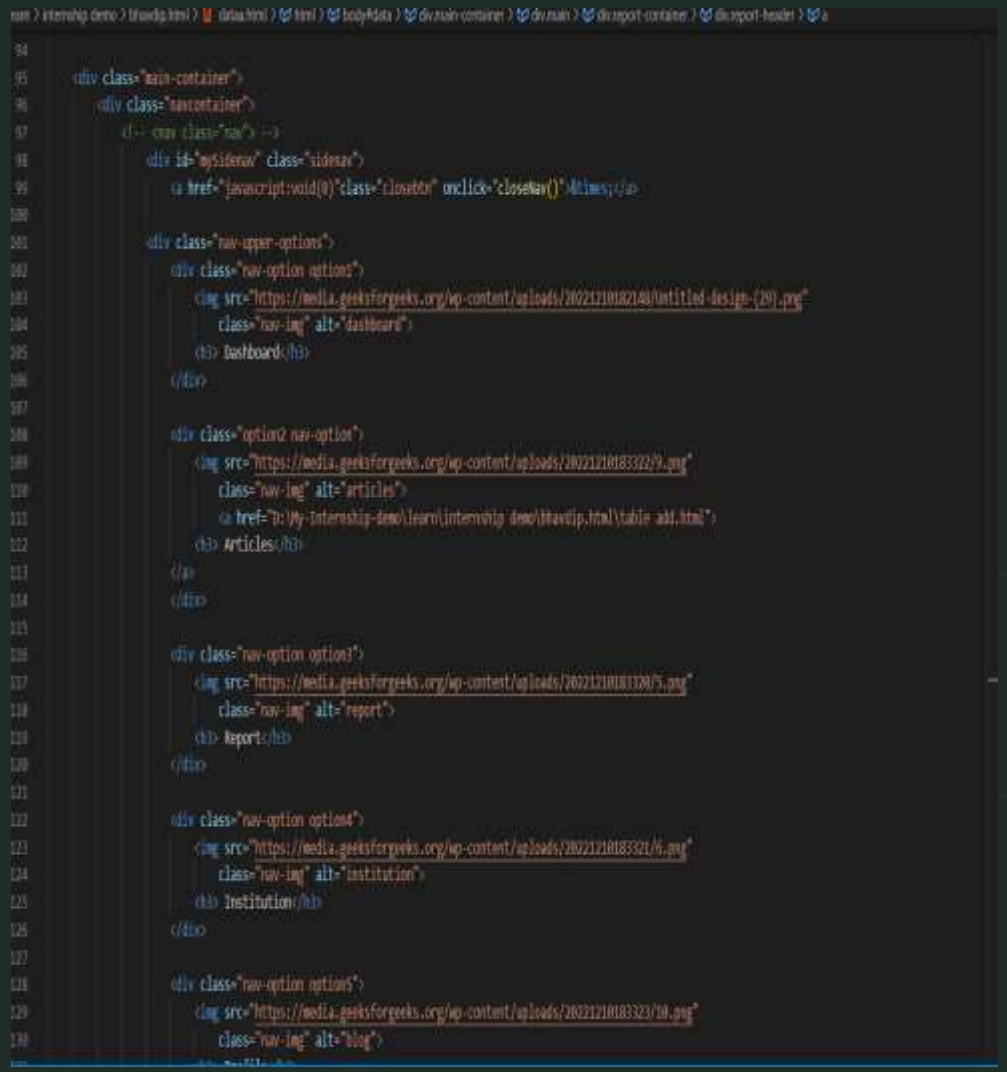
learn > internship demo > calculater > calculater.html > html > head

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="./css/calculater.css">
</head>
<body class="data">

  <form class="calculator" name="calc">
    <input class="value" type="text" name="txt" readonly="">
    <span class="num clear" onClick="document.calc.txt.value =''">c</span>
    <span class="num" onClick="document.calc.txt.value +='/'">/</span>
    <span class="num" onClick="document.calc.txt.value +='*'">*</span>
    <span class="num" onClick="document.calc.txt.value +='7'">7</span>
    <span class="num" onClick="document.calc.txt.value +='8'">8</span>
    <span class="num" onClick="document.calc.txt.value +='9'">9</span>
    <span class="num" onClick="document.calc.txt.value +='-'">-</span>
    <span class="num" onClick="document.calc.txt.value +='4'">4</span>
    <span class="num" onClick="document.calc.txt.value +='5'">5</span>
    <span class="num" onClick="document.calc.txt.value +='6'">6</span>
    <span class="num plus" onClick="document.calc.txt.value +='+'">+</span>
    <span id="num1" class="num" onClick="document.calc.txt.value +='1'">1</span>
    <span class="num" onClick="document.calc.txt.value +='2'">2</span>
    <span class="num" onClick="document.calc.txt.value +='3'">3</span>
    <span class="num" onClick="document.calc.txt.value +='0'">0</span>
    <span class="num" onClick="document.calc.txt.value +='00'">00</span>
    <span class="num" onClick="document.calc.txt.value +='.'">.</span>
    <span class="num equal" onClick="document.calc.txt.value =eval(calc.txt.value)">=</span>
  </form>

  <button id="data"></button>
  <script type="text/javascript" src=""></script>

</body>
</html>
```

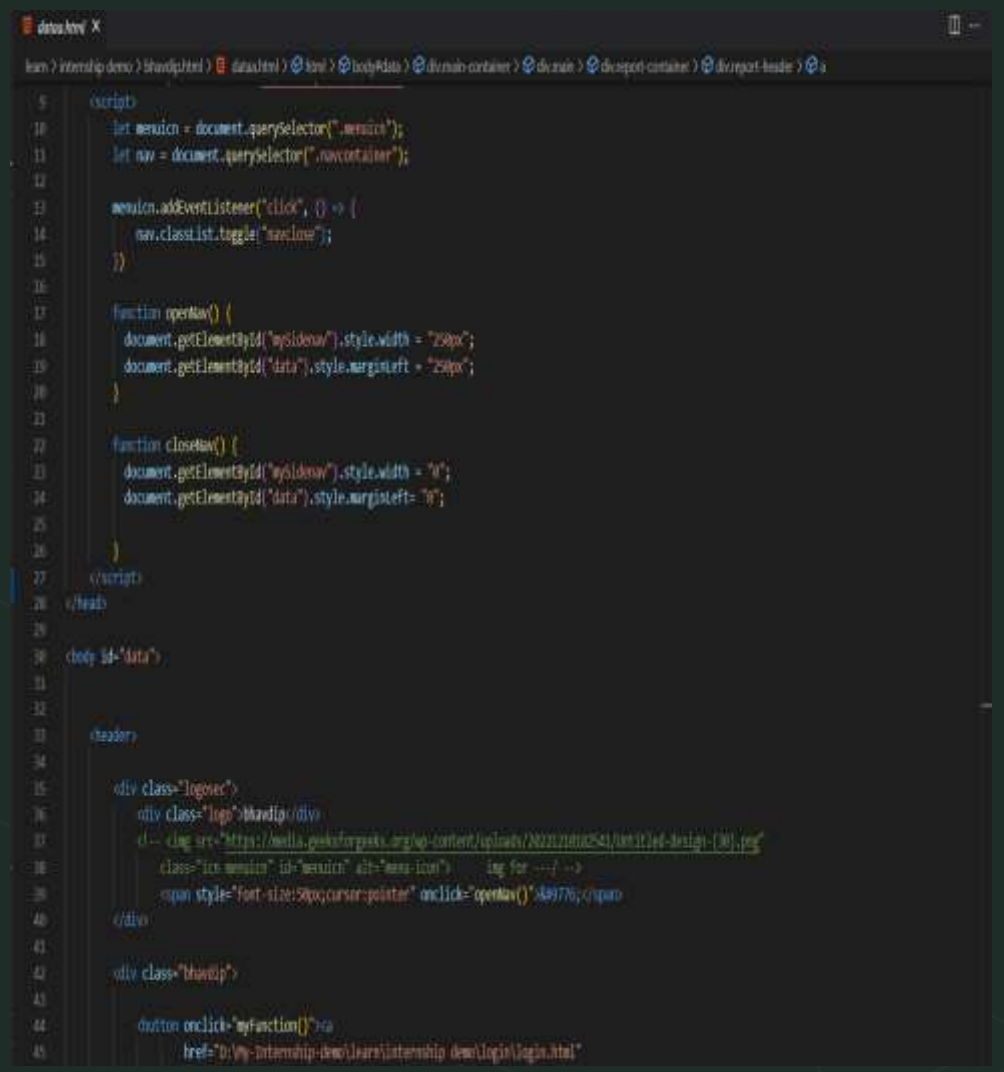

BH-Timesheet-2023 - Google Sh
Document
File | D:/learn/My-Internship-demo/learn/internship%20demo/calculater/calculater.html
c
/
*
7
8
9
-
4
5
6
+
1
2
3
0
00
.
=

using HTML , CSS and JS

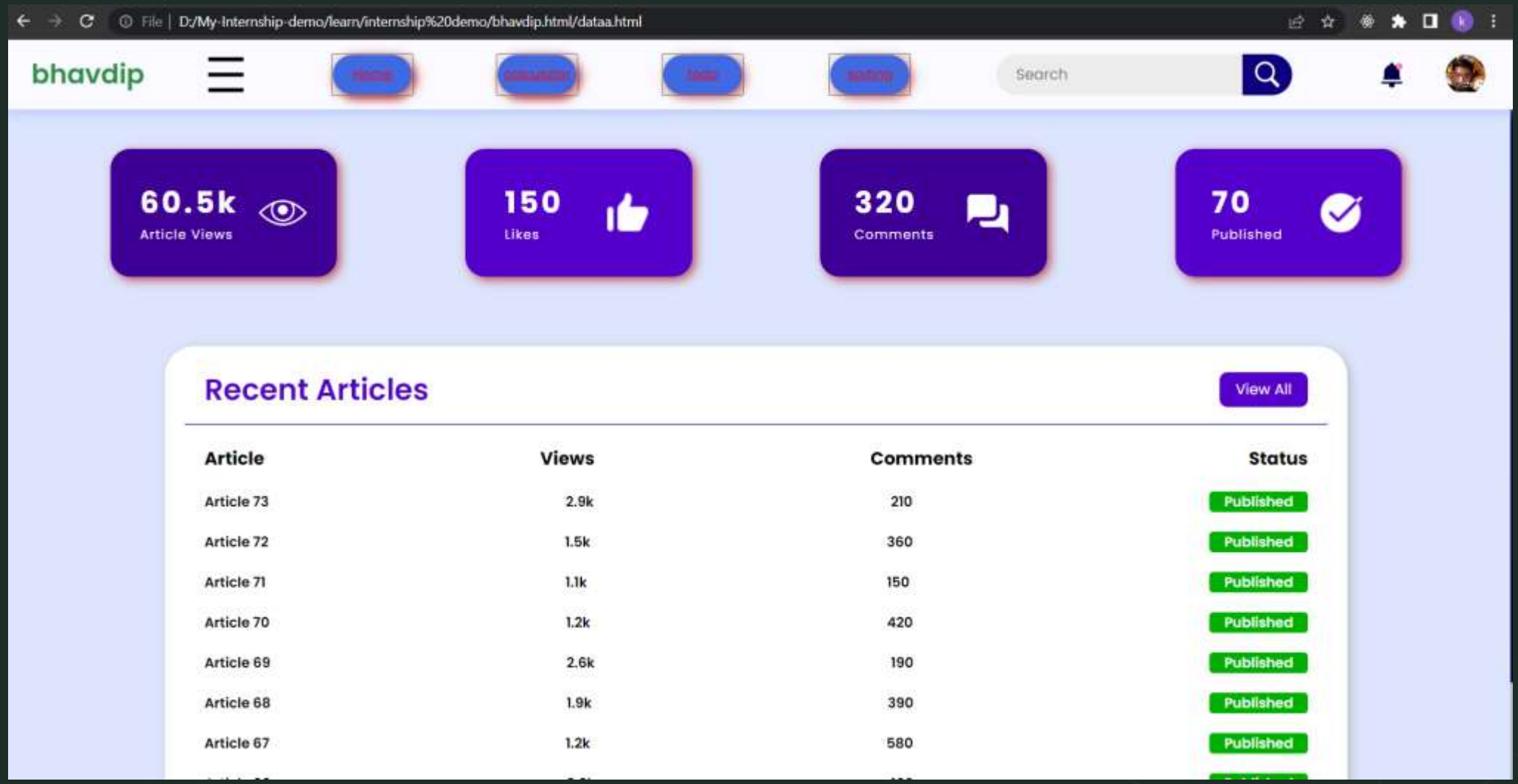
Creat responsive demo in dashboard



```
<div class="main-container">
    <div class="navcontainer">
        <!-- <nav class="nav"> -->
            <div id="mySidenav" class="sidenav">
                <a href="javascript:void(0)"class="closebtn" onclick="closeNav()">&times;</a>

            <div class="nav-upper-options">
                <div class="nav-option option1">
                    <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210182148/Untitled-design-(29).png"
                        class="nav-img" alt="dashboard">
                    <h3> Dashboard</h3>
                </div>

                <div class="option2 nav-option">
                    <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210183322/9.png"
                        class="nav-img" alt="articles">
                        <a href="D:\My-Internship-Demo\Learn\internship demo\bhavdip.html\table add.html">
                    <h3> Articles</h3>
                </a>
                </div>

                <div class="nav-option option3">
                    <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210183320/5.png"
                        class="nav-img" alt="report">
                    <h3> Report</h3>
                </div>

                <div class="nav-option option4">
                    <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210183321/6.png"
                        class="nav-img" alt="institution">
                    <h3> Institution</h3>
                </div>

                <div class="nav-option option5">
                    <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210183323/10.png"
                        class="nav-img" alt="blog">
```



```
    <script>
        let menuicn = document.querySelector(".menuicn");
        let nav = document.querySelector(".navcontainer");

        menuicn.addEventListener("click", () => {
            nav.classList.toggle("navclose");
        })

        function openNav() {
          document.getElementById("mySidenav").style.width = "250px";
          document.getElementById("data").style.marginLeft = "250px";
        }

        function closeNav() {
          document.getElementById("mySidenav").style.width = "0";
          document.getElementById("data").style.marginLeft= "0";

        }
    </script>
</head>

<body id="data">


    <header>

        <div class="logosec">
            <div class="logo">Bhavdip</div>
            <!-- <img src="https://media.geeksforgeeks.org/wp-content/uploads/20221210182541/Untitled-design-(30).png"
                class="icn menuicn" id="menuicn" alt="menu-icon">      img for --- -->
                <span style="font-size:50px;cursor:pointer" onclick="openNav()">&#9776;</span>
        </div>

        <div class="bhavdip">

            <button onclick="myFunction()"><a
                    href="D:\My-Internship-Demo\Learn\internship demo\login\login.html"
```


File | D:/My-Internship-demo/learn/internship%20demo/bhavdip.html/dataa.html
bhavdip
Search
60.5k
Article Views
150
Likes
320
Comments
70
Published
Recent Articles
View All
Article
Views
Comments
Status
Article 73
2.9k
210
Published
Article 72
1.5k
360
Published
Article 71
1.1k
150
Published
Article 70
1.2k
420
Published
Article 69
2.6k
190
Published
Article 68
1.9k
390
Published
Article 67
1.2k
580
Published

using Javascript

create demo calculator

internship demo > js first > first.html > ...

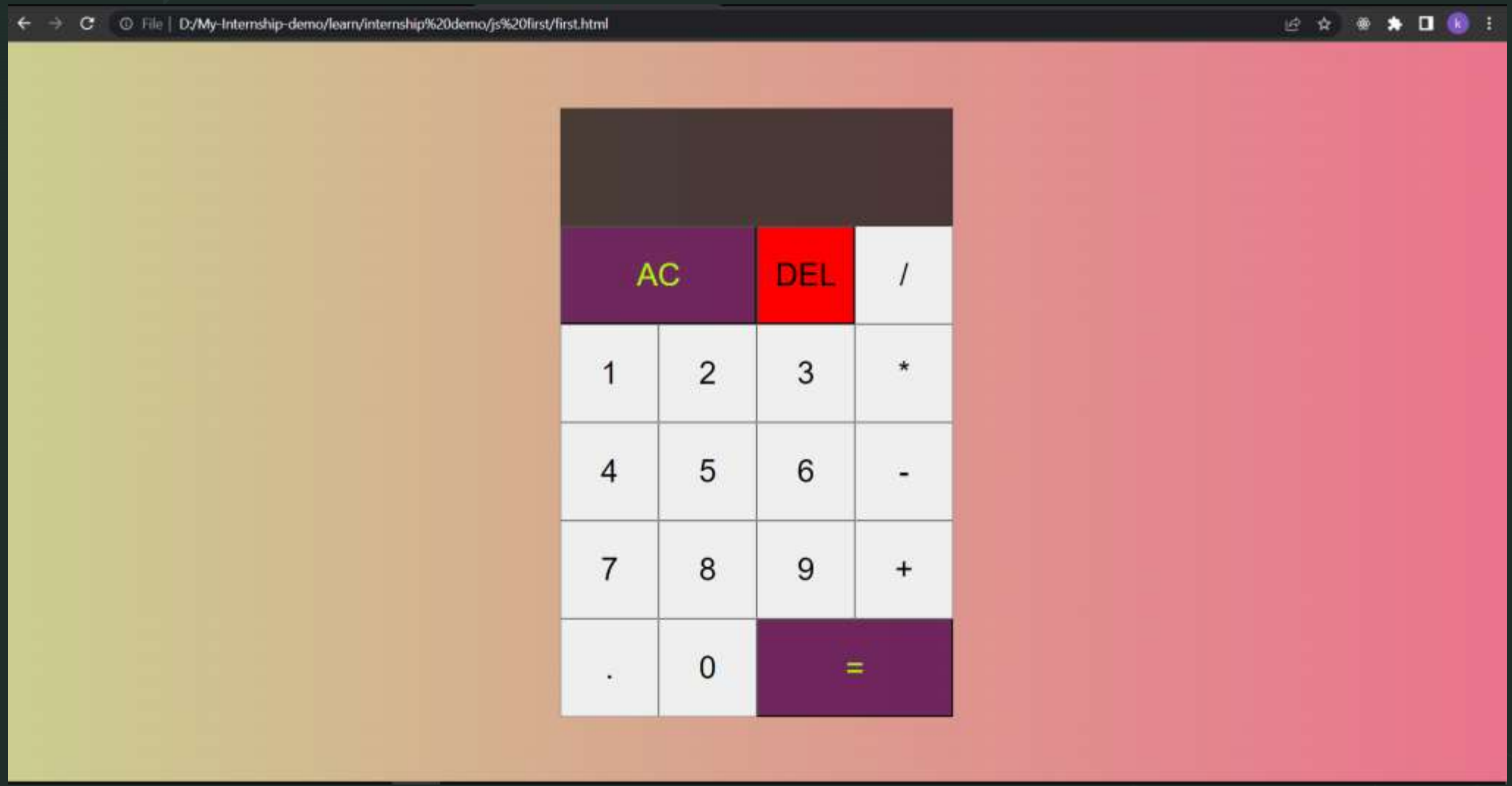
```html
<!DOCTYPE html>
<html lang="en">

<head>
    <link rel="stylesheet" href="../js first/first.css">


    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=
    <title>cal</title>
</head>
<body>
    <div class="calculator-grid">
        <div class="output">
            <div data-previous-operand class="previous-operand"></div
            <div data-current-operand class="current-operand"></div>
        </div>
        <button data-all-clear class="span-two">AC</button>
        <button class="dd" data-delete>DEL</button>
        <button data-operation>/</button>
        <button data-number>1</button>
        <button data-number>2</button>
        <button data-number>3</button>
        <button data-operation>*</button>
        <button data-number>4</button>
        <button data-number>5</button>
        <button data-number>6</button>
        <button data-operation>-</button>
        <button data-number>7</button>
        <button data-number>8</button>
        <button data-number>9</button>
        <button data-operation>+</button>
        <button data-number>.</button>
        <button data-number>0</button>
        <button data-equals class="span-two">=</button>
    </div>
```

o Run Terminal Help — first.js - My-Internship-demo - Visual Studio

dataa.html | dashboard.html | first.js

learn > internship demo > js first > first.js > Calculator

```
1   class Calculator{
2     constructor(previousOperandTextElement, currentOperandTextElement){
3         this.previousOperandTextElement= previousOperandTextElement;
4         this.currentOperandTextElement= currentOperandTextElement;
5        this.clear();
6     }
7
8     clear(){
9     this.currentOperand='0';
10    this.previousOperand='';
11    this.operation=undefined;
12
13    }
14
15      delete(){
16      this.currentOperand = this.currentOperand.toString().slice(0,-1);
17    }
18
19    appendNumber(number){
20    if(number==="." && this.currentOperand.includes('.')) return
21    this.currentOperand = this.currentOperand.toString() + number.toStri
22    }
23
24    chooseOperation(operation){
25        if(this.previousOperand==='' && this.currentOperand==='') return
26        if(this.operation!=='' && this.previousOperand!=='' && this.curr
27            this.operation = operation;
28            return;
29          }
30      if(this.operation!=='' && this.previousOperand!=='' && this.curren
31        if(this.operation=='*' || this.operation=='÷'){
32          this.previousOperand= (this.previousOperand * -1);
33          return;
34        }
35      }
36        if(this.previousOperand!=='' && this.currentOperand!==''){
37            this.compute();
38          }
```


File | D:/My-Internship-demo/learn/internship%20demo/js%20first/first.html
AC
DEL
/
1
2
3
*
4
5
6
-
7
8
9
+
.
0
=

using HTML,CSS,JS

create demo timer

```
internship demo > timer > timer.css > ...
*,
*:before,
*:after{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}

body{
  background: #448aff;
}

.time{
    background-color: #ffffff;
    width: 40%;
    min-width: 500px;
    position: absolute;
    transform: translate(-50%,-50%);
    top: 50%;
    left: 50%;
    padding: 20px 0;
    padding-bottom: 50px;
    border-radius: 10px;
}

.timedisplay{
    position: relative;
    width: 92%;
    background: #ffffff;
    left: 4%;
    padding: 40px 0;
    font-family: 'Roboto mono',monospace;
    color: #0381bb;
    font-size: 40px;
    display: flex;
    align-items: center;
    justify-content: space-around;
```

dataa.html | dashboard.html | timer.html ● | timer

learn > internship demo > timer > timer.html > html > body

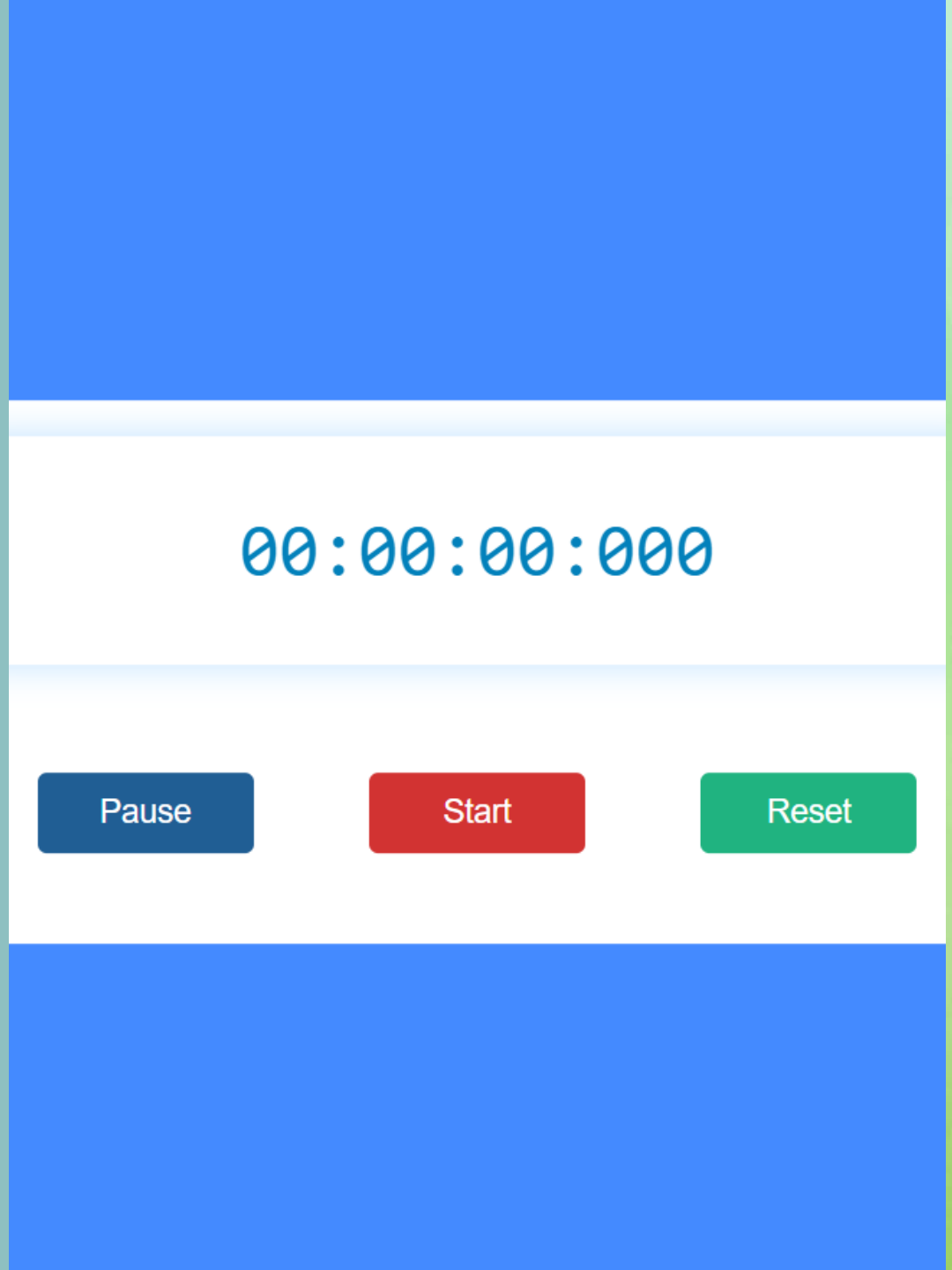
```
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../timer/timer.cs
    <title>timer</title>
</head>
<body>
    <div class="time">
        <div class="timedisplay">

            00:00:00:000
        </div>
        <div class="buttons">
            <button id="pauseTimer">Pause</button>
            <button id="startTimer">Start</button>
            <button id="resetTimer">Reset</button>
        </div>
    </div>

    <script src="../timer/timer.js"></script>
</body>
</html>
```

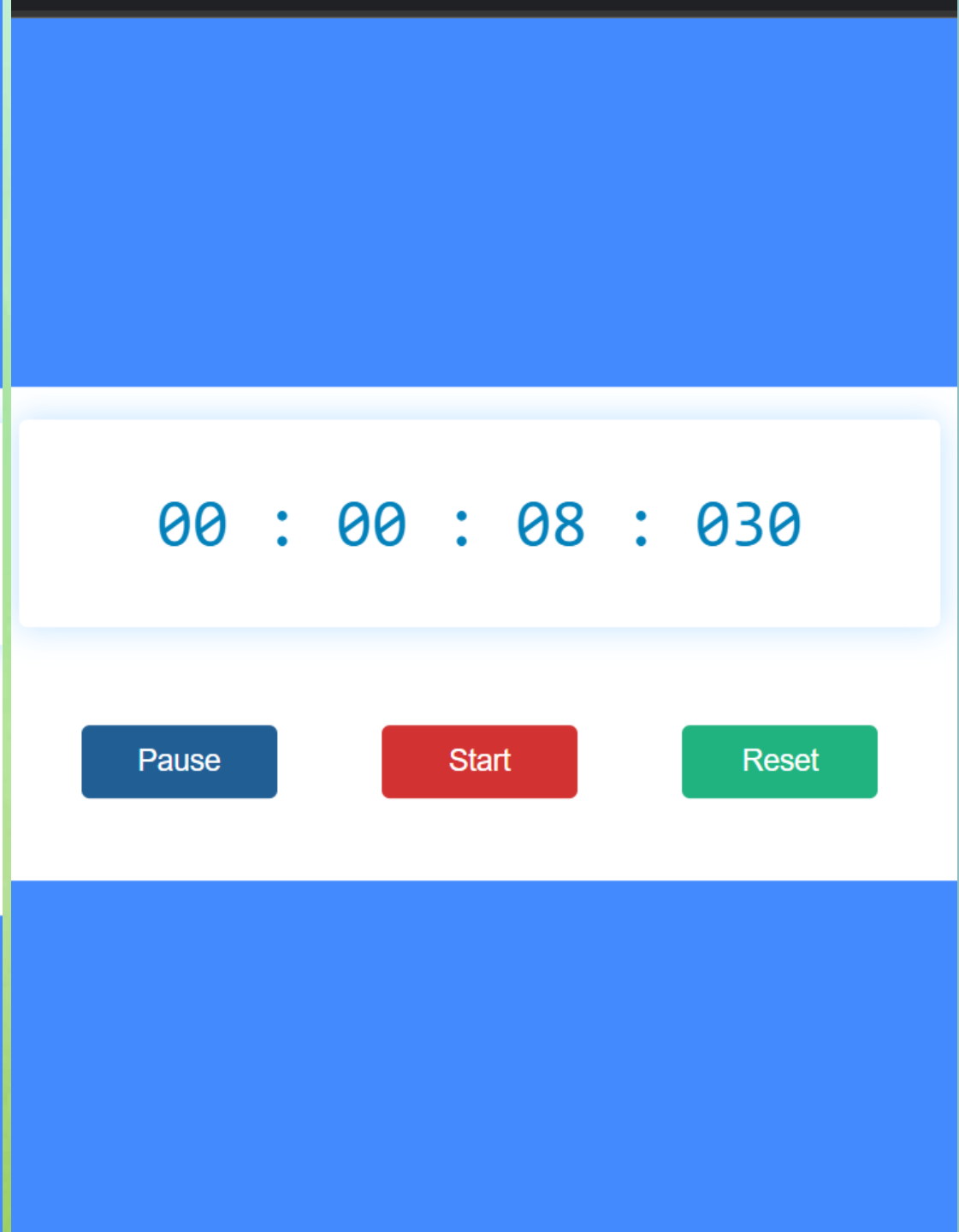
```javascript
let [milliseconds,seconds,minutes,hours] = [0,0,0,0];
let timerRef = document.querySelector('.timedisplay');
let currentInterval = null;

document.getElementById('startTimer').addEventListener('click', (
    if(currentInterval!==null){
        clearInterval(currentInterval);
    }
    currentInterval = setInterval(displayTimer,10);
});

document.getElementById('pauseTimer').addEventListener('click', (
    clearInterval(currentInterval);
});

document.getElementById('resetTimer').addEventListener('click', (
    clearInterval(currentInterval);
    [milliseconds,seconds,minutes,hours] = [0,0,0,0];
    timerRef.innerHTML = '00 : 00 : 00 : 000 ';
});

function displayTimer(){
    milliseconds+=10;
    if(milliseconds == 1000){
        milliseconds = 0;
        seconds++;
        if(seconds == 60){
            seconds = 0;
            minutes++;
            if(minutes == 60){
                minutes = 0;
                hours++;
            }
        }
    }

 let h = hours < 10 ? "0" + hours : hours;
 let m = minutes < 10 ? "0" + minutes : minutes;
```

dataa.html | dashboard.html | timer.html | timer.css

learn > internship demo > timer > timer.css > ...

```css
    border-radius: 5px;
    box-shadow: 0 0 20px rgba(0,139,253,0.25);
}

.buttons{
    width: 90%;
    margin: 60px auto 0 auto;
    display: flex;
    justify-content: space-around;
}
.buttons button{
    width: 120px;
    height: 45px;
    background-color: #205e94;
    color: #ffffff;
    border: none;
    font-family: 'Poppins',sans-serif;
    font-size: 18px;
    border-radius: 5px;
    cursor: pointer;
    outline: none;
}

.buttons button:nth-last-child(2){
  background-color: #d23332;
}
.buttons button:nth-last-child(1){
  background-color: #20b380;
}
```


00:00:00:000
Pause
Start
Reset


00 : 00 : 08 : 030
Pause
Start
Reset

using javascript

create demo tasks clock

dataa.html | dashboard.html | timer.html | age.css | clock.css | tim

learn > internship demo > clock > clock.css > body

```css
body {
  font-family: system-ui;
  background: #35aae5;
  color: white;
  text-align: center;
}
.dd{
    position: relative;
    width: 92%;
    background: #ffffff;
    left: 4%;
    padding: 40px 0;
    font-family: 'Roboto mono',monospace;
    color: #0381bb;
    font-size: 40px;
    display: block;
    margin-top: 50vh;
    align-items: center;
    justify-content: space-around;
    border-radius: 5px;
    box-shadow: 0 0 20px rgba(0,139,253,0.25);
}
```

n > internship demo > clock > clock.html > html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../clock/clock.css">

    <title>Document</title>
</head>
<body>
    <div class="dd" id = "clock" onload="currentTime()">
    </div>

    <script src="./clock.js"></script>

</body>
</html>
```

dataa.html | dashboard.html | timer.html | age.css | clock.js | tim

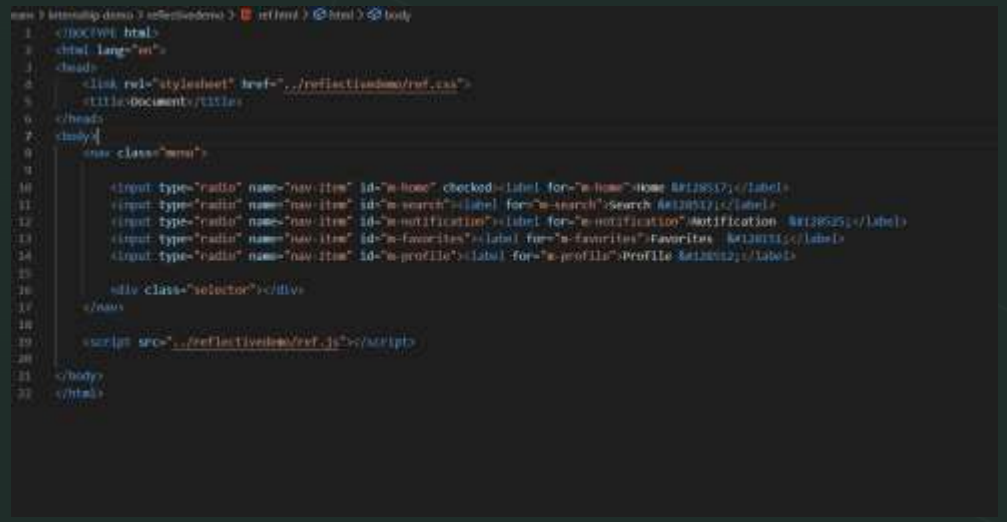
learn > internship demo > clock > clock.js > currentTime

```
function currentTime() {
    let date = new Date();

    let h = date.getHours();
    let m = date.getMinutes();
    let s = date.getSeconds();
    let session = "AM";
    if (h === 0) {
        h = 12;
    }

    if (h > 12) {
        h = h - 12;
        session = "PM";
    }

    h = (h < 10) ? "0" + h : h;
    m = (m < 10) ? "0" + m : m;
    s = (s < 10) ? "0" + s : s;

    let time = h + ":" + m + ":" + s + " " + session;
    document.getElementById("clock").innerText = time;
    let t = setTimeout(function (){ currentTime() } );

}
currentTime();
```

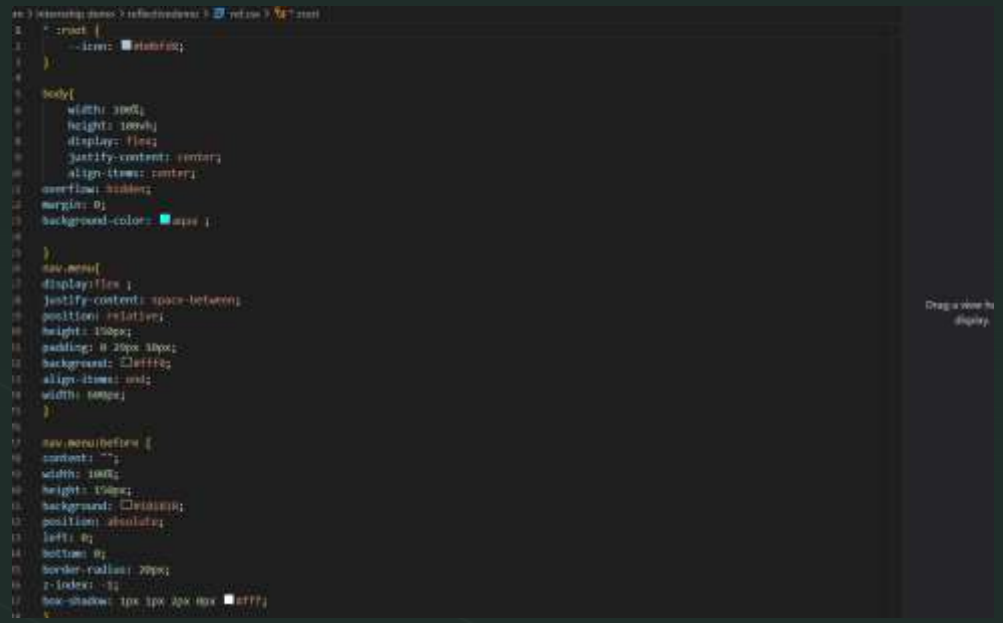
02:09:18 PM

using HTML,CSS

create demo nevbar



```
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="../reflectivedemo/ref.css">
    <title>Document</title>
</head>
<body>
    <nav class="menu">

        <input type="radio" name="nav-item" id="m-home" checked><label for="m-home">Home &#128517;</label>
        <input type="radio" name="nav-item" id="m-search"><label for="m-search">Search &#128269;</label>
        <input type="radio" name="nav-item" id="m-notification"><label for="m-notification">Notification &#128525;</label>
        <input type="radio" name="nav-item" id="m-favorites"><label for="m-favorites">Favorites &#128151;</label>
        <input type="radio" name="nav-item" id="m-profile"><label for="m-profile">Profile &#128512;</label>

        <div class="selector"></div>
    </nav>

    <script src="../reflectivedemo/ref.js"></script>

</body>
</html>
```



```
* :root {
    --icon: #ffffff;
}

body{
    width: 100%;
    height: 100vh;
    display: flex;
    justify-content: center;
    align-items: center;
overflow: hidden;
margin: 0;
background-color: #222 ;

}
nav.menu{
display:flex ;
justify-content: space-between;
position: relative;
height: 150px;
padding: 0 20px 10px;
background: #ffffff;
align-items: end;
width: 600px;
}

nav.menu::before {
content: "";
width: 100%;
height: 150px;
background: #181818;
position: absolute;
left: 0;
bottom: 0;
border-radius: 20px;
z-index: -1;
box-shadow: 1px 1px 2px #fff;
}
```

```
40
41  label{
42  text-decoration: none;
43  font-family: sans-serif;
44  font-size: 14px;
45  min-width: 100px;
46  height: 100px;
47  margin: 10px 10px 20px;
48  text-align: center;
49  display: -ms-inline-grid;
50  align-items: end;
51  color: #b0bfb8;
52  position: relative;
53  transition: all 0.5s cubic-bezier(0.68, -0.55, 0.27, 1.55)0s ;
54  cursor: pointer;
55  }
56  lebel:hover{
57  color: #fff;
58  text-shadow:0 0 5px #fff, 0 0 10px #fff ;
59  }
60  input:checked + label {
61      color: #fff;
62      height: 130px;
63  }
64  .selector {
65  --hole: #2196f3;
66  background:
67          radial-gradient(circle at 50% 50%, #fff8 30px, #ff
68          radial-gradient(circle at 50% 50%, var(--hole) 0 45px,
69          radial-gradient(circle at 50% 75px, #181818 0 70px,
70      width: 95px;
71      height: 95px;
72      position: absolute;
73      bottom: 47px;
74      left: 0;
75      z-index: -1;
```



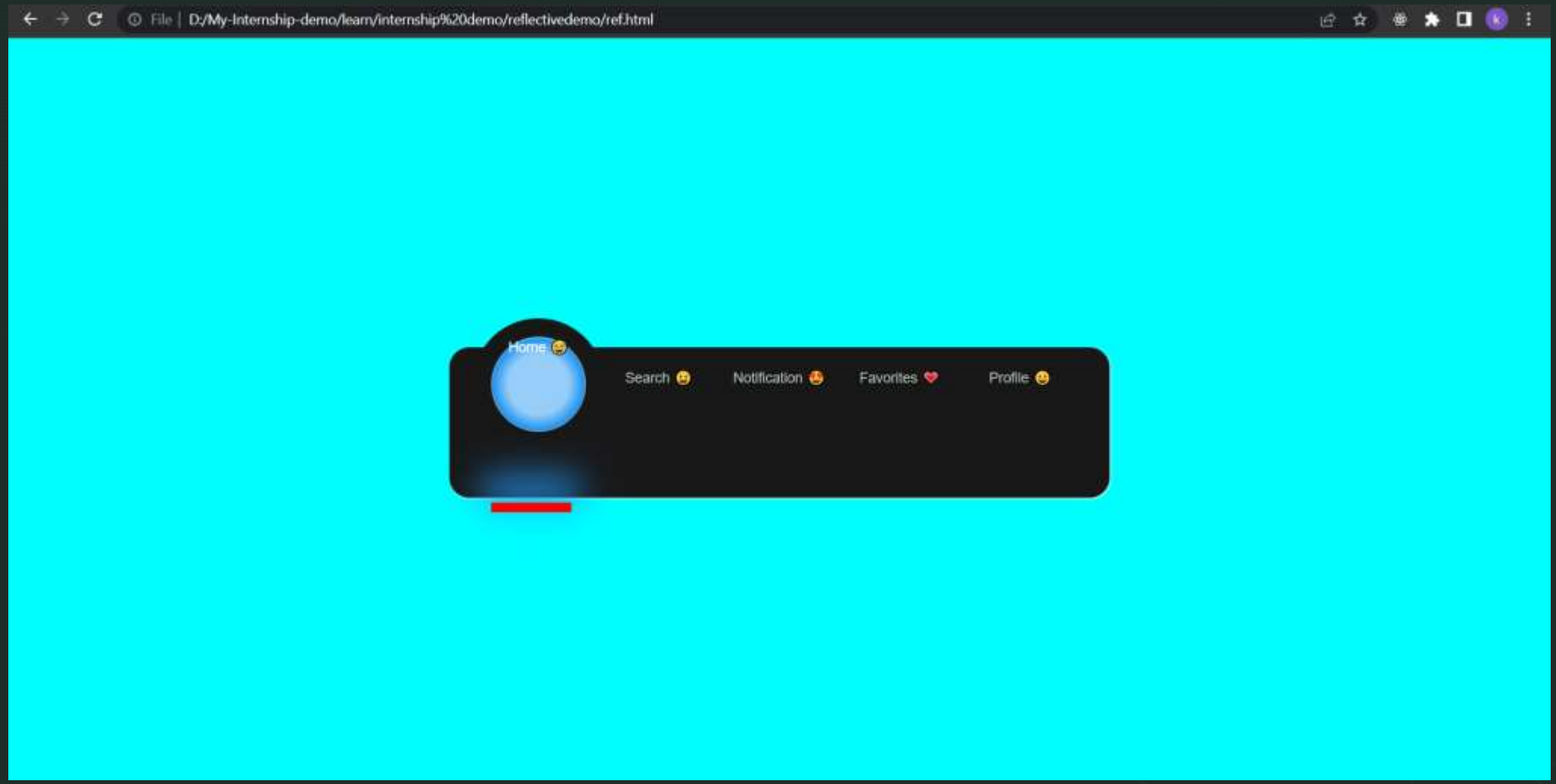
```
185         linear-gradient(90deg, #fff0 0 6px, var(--icon) 0 calc(
186         conic-gradient(from 135deg at 50% 33%, var(--icon) 0 25%,
187  }
188  label[for=m-notification]:after {
189      width: 10px;
190      height: 57px;
191      left: 45px;
192      top: 14px;
193      z-index: 0;
194      transition: all 0.5s cubic-bezier(0.68, -0.55, 0.27, 1.55) 0s;
195      background: radial-gradient(circle at 50% 6px, var(--icon) 3px
196      transform-origin: left top;
197      border-bottom: 6px solid var(--icon);
198      border-radius: 5px;
199  }
200  label[for=m-favorites]:before {
201      width: 50px;
202      height: 50px;
203      left: 18px;
204      top: -9px;
205      transition: all 0.5s cubic-bezier(0.68, -0.55, 0.27, 1.55) 0s;
206      background:
207          radial-gradient(circle at 16px 16px, var(--icon) 0 16px,
208          radial-gradient(circle at 34px 34px, var(--icon) 0 16px,
209          linear-gradient(45deg, var(--icon) 0 37px, #fff0 38px 1
210      border-radius: 17px 22px 17px 4px;
211      transform: rotate(-45deg);
212      transform-origin: center right;
213  }
214  label[for=m-profile]:before {
215      width: 50px;
216      height: 54px;
217      top: 16px;
218      background:
219          radial-gradient(circle at 50% 15px, var(--icon) 0 12px,
220          radial-gradient(circle at 50% 100%, var(--icon) 0 22px,
221      left: 25px;
```

learn > internship demo > reflectivedemo > JS ref.js > ...

```
// Create a new list item when clicking on the "Add" butt
function newElement() {
  var li = document.createElement("li");
  var inputValue = document.getElementById("myInput").val
  var t = document.createTextNode(inputValue);
  li.appendChild(t);
  if (inputValue === '') {
    alert("You must write something!");
  } else {
    document.getElementById("myUL").appendChild(li);
  }
  document.getElementById("myInput").value = "";

  var span = document.createElement("SPAN");
  var txt = document.createTextNode("\u00D7");
  span.className = "close";
  span.appendChild(txt);
  li.appendChild(span);

  for (i = 0; i < close.length; i++) {
    close[i].onclick = function() {
      var div = this.parentElement;
      div.style.display = "none";
    }
  }
}
```

learn > internship demo > reflectivedemo > JS ref.js > ...

```

// Create a "close" button and append it to each list item
var myNodelist = document.getElementsByTagName("LI");
var i;
for (i = 0; i < myNodelist.length; i++) {
  var span = document.createElement("SPAN");
  var txt = document.createTextNode("\u00D7");
  span.className = "close";
  span.appendChild(txt);
  myNodelist[i].appendChild(span);
}

// Click on a close button to hide the current list item
var close = document.getElementsByClassName("close");
var i;
for (i = 0; i < close.length; i++) {
  close[i].onclick = function() {
    var div = this.parentElement;
    div.style.display = "none";
  }
}

// Add a "checked" symbol when clicking on a list item
var list = document.querySelector('ul');
list.addEventListener('click', function(ev) {
  if (ev.target.tagName === 'LI') {
    ev.target.classList.toggle('checked');
  }
}, false);

// Create a new list item when clicking on the "Add" button
function newElement() {
  var li = document.createElement("li");
  var inputValue = document.getElementById("myInput").value;
  var t = document.createTextNode(inputValue);
  li.appendChild(t);
  if (inputValue === '') {
```


File | D:/My-Internship-demo/learn/internship%20demo/reflectivedemo/ref.html
Home
Search
Notification
Favorites
Profile

using API, HTML,CSS,JAVASCRIPT

create demo DOM array model with sorting serching filtering

dataa.html | dashboard.html | timer.html | age.css | note.

learn > internship demo > fatch data > fatch.css > *

```css
*{
    box-sizing: border-box;
}
body{
    background: #f4f4f4;
    font-family: Arial, Helvetica, sans-serif;
    display: flex;
    flex-direction: column;
    align-items: center;
    min-height: 100vh;
    margin: 0;
    margin-top: 20%;
}
.container{
    display: flex;
    padding: 20px;
    margin: 0 auto;
    max-width: 100%;
    width: 800px;
}
aside{
    padding: 10px 20px;
    width: 250px;
    border-radius: 1px solid #111;
}
button{
    cursor: pointer;
    background-color: #fff;
    border-radius: 5px;
    border: solid 1px #111;
    display: block;
    width: 100%;
    padding: 10px;
    margin-bottom: 20px;
    font-weight: bold;
    font-size: 14px;
}
main{
```

dataa.html | dashboard.html | timer.html | age.css | note.html

earn > internship demo > fatch data > fatch.html > html > body > div.container > asid

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.
    <link rel="stylesheet" href="../fatch data/fatch.css">

    <title>DOM Array Methods</title>
</head>
<body>
    <ht>DOM Array Methods</ht>
    <div class="container">
        <aside>
            <button id="add-user">Add User</button>
            <button id="double">double money</button>
            <button id="show-millionaires">show only millionaires</butt
            <button id="sort">sort by richest</button>
            <button id="calculate-wealth">calculate Entire wealth</butt
        </aside>
    <main id="main">
        <h2><strong>person</strong>wealth</h2>
        </main>
        </div>


        <script src="../fatch data/fatch.js"></script>
</body>
</html>
```

dataa.html | dashboard.html | timer.html | age.css | not

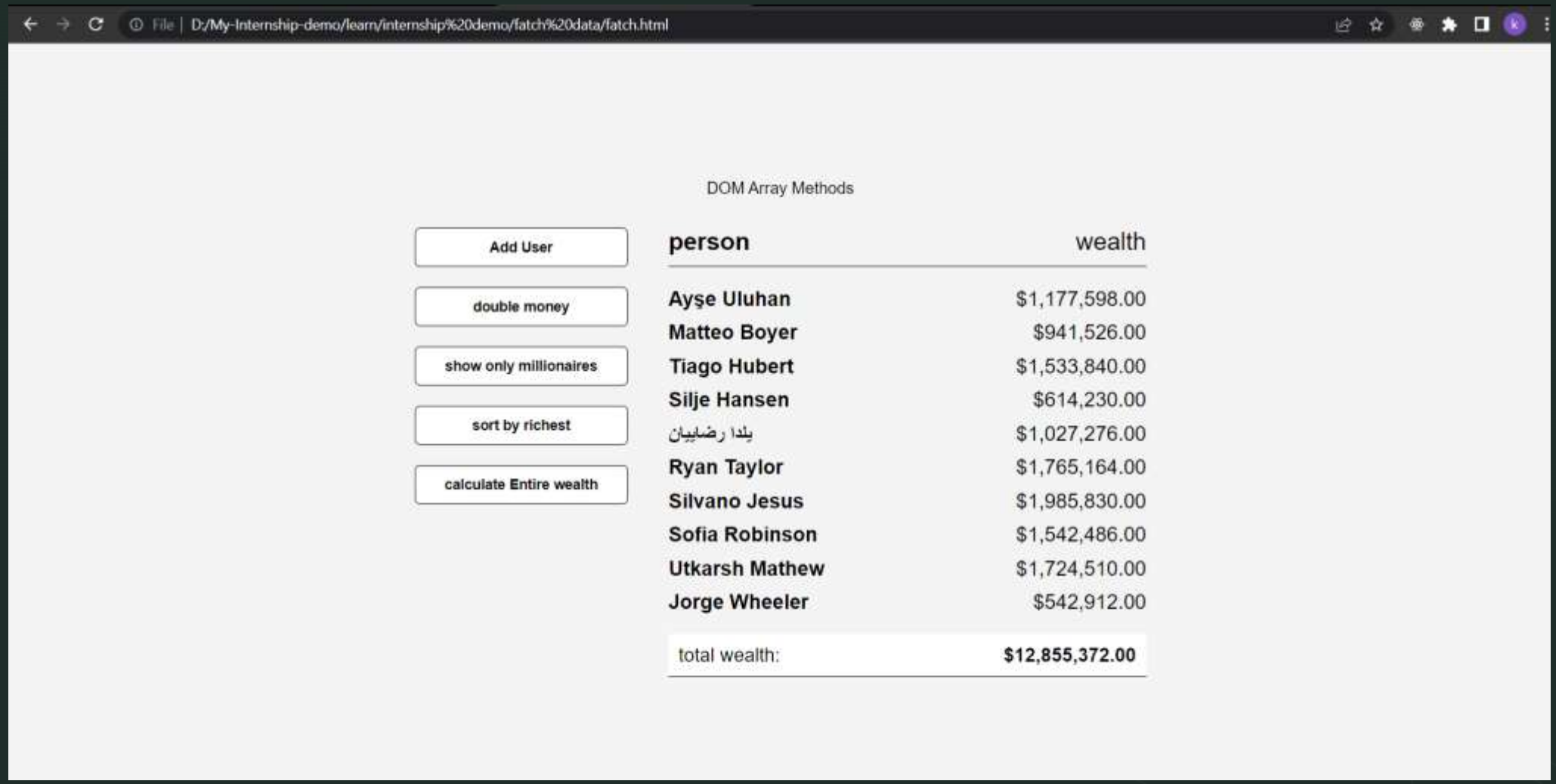
learn > internship demo > fatch data > fatch.js > ...

```
67  function calculatewealth(){
68      const wealth = data.reduce((acc, User) => (acc += User.money)
69
70      const wealthEl = document.createElement('div');
71      wealthEl.innerHTML = `<h3>total wealth: <strong>${formetmoney
72      main.appendChild(wealthEl);
73  }
74
75
76
77  //update Dom
78  function updateDOM (providedData = data){
79      //clear main dive
80       main.innerHTML = '<h2><strong>person</strong>wealth</h2>';
81
82       providedData.forEach(item => {
83        const element = document.createElement('div');
84        element.classList.add('person');
85        element.innerHTML = `<strong>${item.name}</strong>${formet
86        main.appendChild(element);
87       });
88      }
89
90
91
92      //formet number as a money
93      function formetmoney(number){
94
95          return `$` + number.toFixed(2).replace(/\d(?=(\d{3})+\.)/
96
97      }
98
99      //event listner
100     adduserBtn.addEventListener('click', getRandomUser);
101     doubleBtn.addEventListener('click', doubleMoney);
102     showmillionaireBtn.addEventListener('click', showMillionaires
103     sortBtn.addEventListener('click', sortByRichest);
```

dataa.html | dashboard.html | timer.html | age.css | note.htm

learn > internship demo > fatch data > fatch.js > ...

```
1   const main = document.getElementById('main');
2   const adduserBtn = document.getElementById('add-user');
3   const doubleBtn = document.getElementById('double');
4   const showmillionaireBtn = document.getElementById('show-millionaires
5   const sortBtn = document.getElementById('sort');
6   const calculatewealthBtn = document.getElementById('calculate-wealth
7
8   getRandomUser();
9   getRandomUser();
10  getRandomUser();
11  getRandomUser();
12
13  let data = [];
14
15  //fatch rendom user and add money
16  async function getRandomUser(){
17      const res = await fetch('https://randomuser.me/api/');
18      const data = await res.json();
19
20      const User = data.results[0];
21      const newUser = {
22          name: `${User.name.first} ${User.name.last}`,
23          money: Math.floor(Math.random() * 1000000),
24      };
25
26      // console.log(newUser);
27
28        addData(newUser);
29  }
30
31  //dobul money
32  function doubleMoney(){
33      data = data.map((User) => {
34          return{...User, money: User. money * 2 };
35          });
36
37     updateDOM();
38
```


File | D:/My-Internship-demo/learn/internship%20demo/fatch%20data/fatch.html
DOM Array Methods
Add User
double money
show only millionaires
sort by richest
calculate Entire wealth
person
wealth
Ayşe Uluhan $1,177,598.00
Matteo Boyer $941,526.00
Tiago Hubert $1,533,840.00
Silje Hansen $614,230.00
يلدا رضاييان $1,027,276.00
Ryan Taylor $1,765,164.00
Silvano Jesus $1,985,830.00
Sofia Robinson $1,542,486.00
Utkarsh Mathew $1,724,510.00
Jorge Wheeler $542,912.00
total wealth: $12,855,372.00

HTML,CSS,JAVASCRIPT

create demo DOM year counter

```
earn > internship demo > new yar count > new.css > :root
```

```css
:root {
    --color-white: #ffffff;
    --color-block: #202020;
    --color-glass: rgba(255, 255, 255, 0.05);
    --color-shadow: 0 0 25px rgba(0, 0, 0, 0.5);
}

* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: "Poppins", sans-serif;
    color: var(--color-white);
}

body{
    background-color: black;
}
.wrapper {
    position: absolute;
    transform: translate(-50%, -50%);
    top: 50%;
    left: 50%;
    font-size: 16px;
  }
  .heading {
    text-align: center;
    margin-bottom: 4em;
  }
  .heading h1 {
    text-shadow: var(--color-shadow);
    font-size: 6.2em;
    font-weight: 800;
    letter-spacing: 0.15em;
  }
  .heading h3 {
    font-size: 1.6em;
```

```
dataa.html | dashboard.html | timer.html | age.css
learn > internship demo > new yar count > new.html > html > head
```

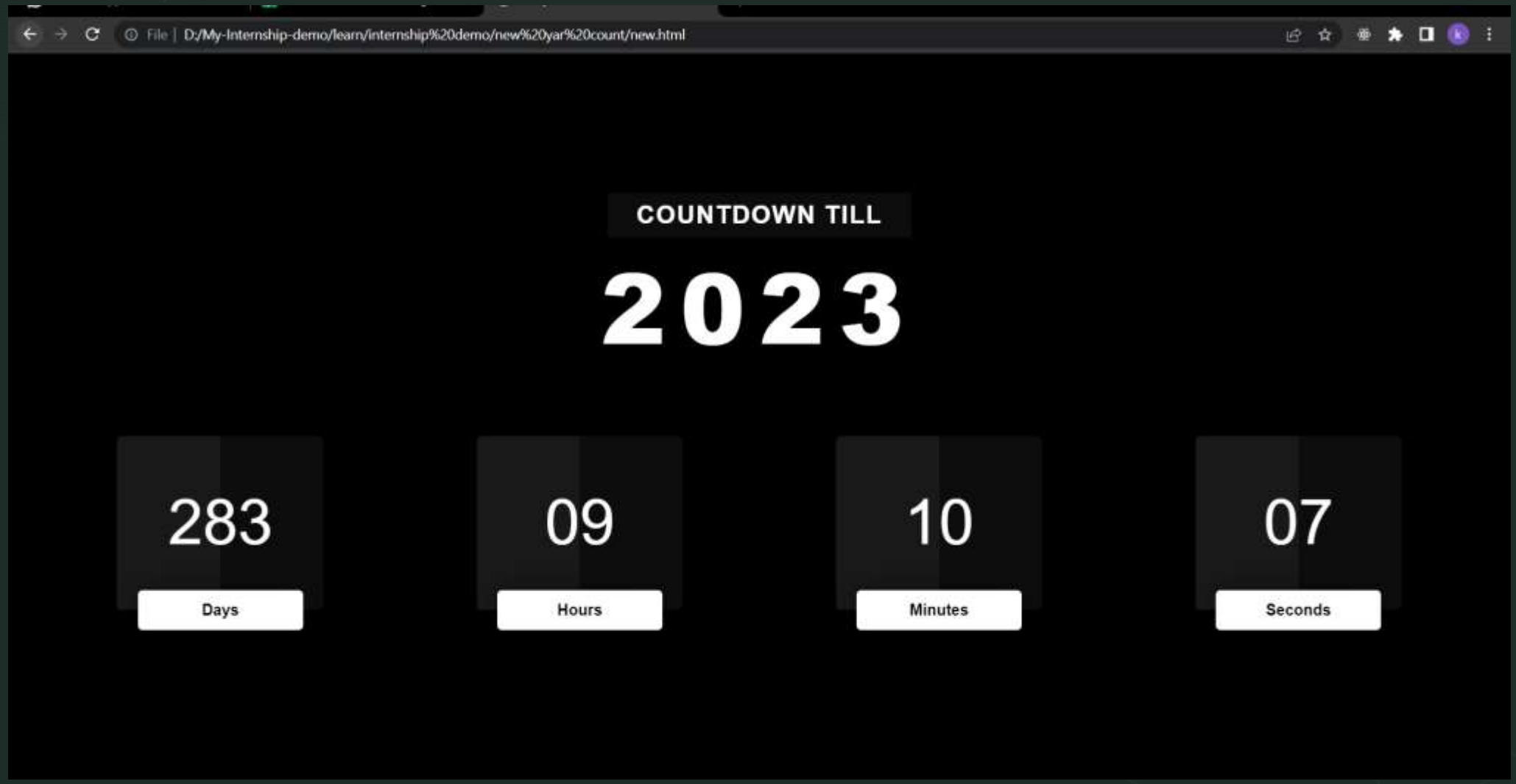
```html
<!DOCTYPE html>
<html lang="en">

<head>
    <link rel="stylesheet" href="../new yar count/new.css">

    <title>new yar countdown </title>
</head>

<body>
    <div class="wrapper">
        <div class="heading">
            <h3>Countdown Till</h3>
            <h1>2023</h1>
        </div>
        <div class="countdown">
            <div class="box">
                <span class="num" id="day-box">00</span>
                <span class="text">Days</span>
            </div>
            <div class="box">
                <span class="num" id="hr-box">00</span>
                <span class="text">Hours</span>
            </div>
            <div class="box">
                <span class="num" id="min-box">00</span>
                <span class="text">Minutes</span>
            </div>
            <div class="box">
                <span class="num" id="sec-box">00</span>
                <span class="text">Seconds</span>
            </div>
        </div>
    </div>
    <script src="../new yar count/new.js"></script>
</body>

</html>
```

dataa.html | dashboard.html | timer.html | age.css | note.html | new.js | timer.css

learn > internship demo > new yar count > new.js > endDate

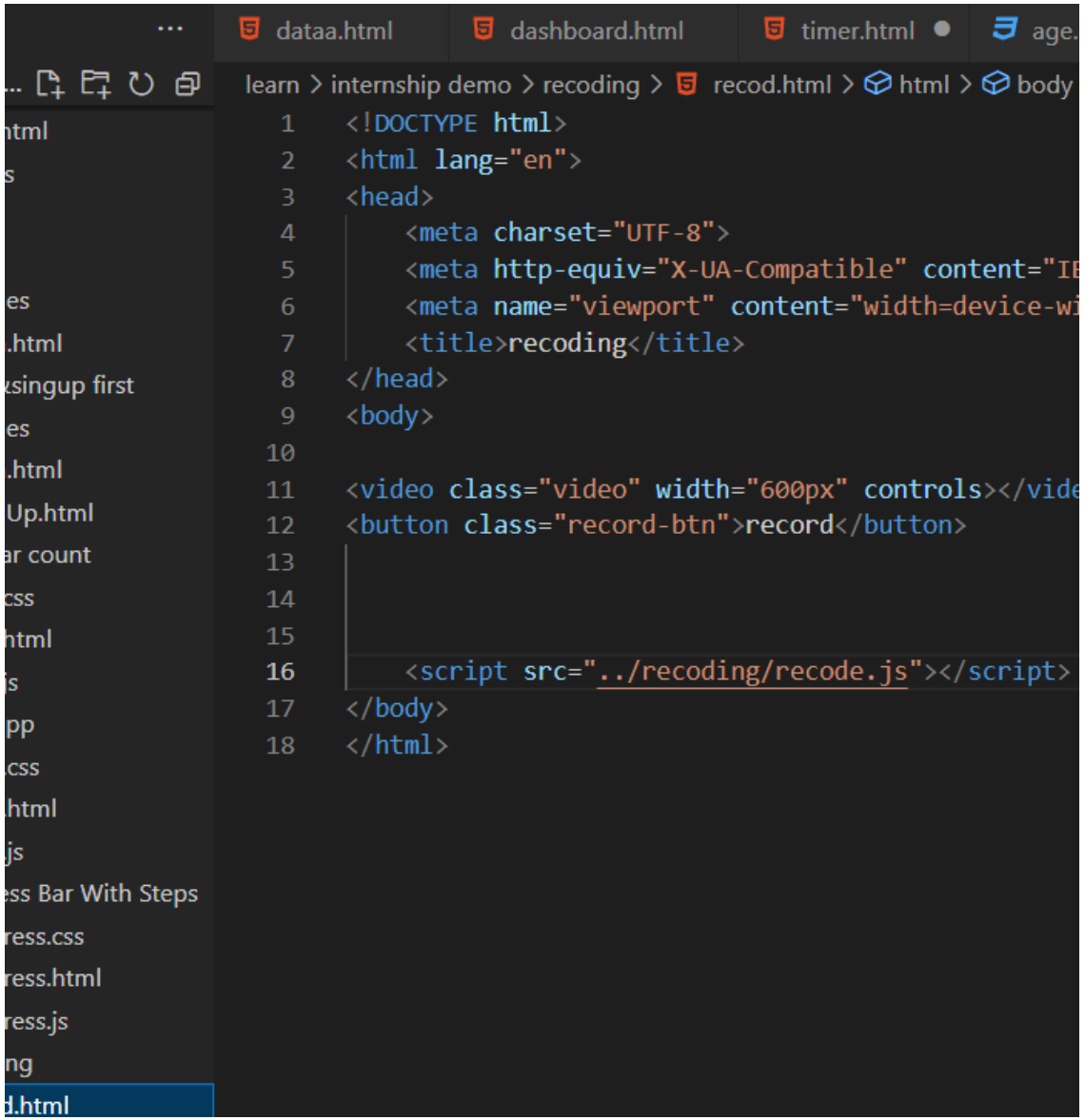
```
let dayBox = document.getElementById("day-box");
let hrBox = document.getElementById("hr-box");
let minBox = document.getElementById("min-box");
let secBox = document.getElementById("sec-box");
let endDate = new Date(2024, 0, 1, 00, 00);
let endTime = endDate.getTime();

function countdown(){
let todayDate = new Date();
let todayTime = todayDate.getTime();
let remainingTime =  endTime - todayTime;
let oneMin =60 * 1000;
let oneHr = 60 * oneMin;
let oneDay = 24 * oneHr;

let addZeroes = (num) => (num < 10 ? `0${num}` : num);

if (endTime < todayTime) {
    clearInterval(i);
    document.querySelector(
      ".countdown"
    ).innerHTML = `<h1>Countdown Has Expired</h1>`;
  }else{
    let daysLeft = Math.floor(remainingTime / oneDay);
    let hrsLeft = Math.floor((remainingTime % oneDay) / oneHr);
    let minsLeft = Math.floor((remainingTime % oneHr) / oneMin);
    let secsLeft = Math.floor((remainingTime % oneMin) / 1000);
    dayBox.textContent = addZeroes(daysLeft);
    hrBox.textContent = addZeroes(hrsLeft);
    minBox.textContent = addZeroes(minsLeft);
    secBox.textContent = addZeroes(secsLeft);
  }
}
let i = setInterval(countdown, 1000);
countdown();
```

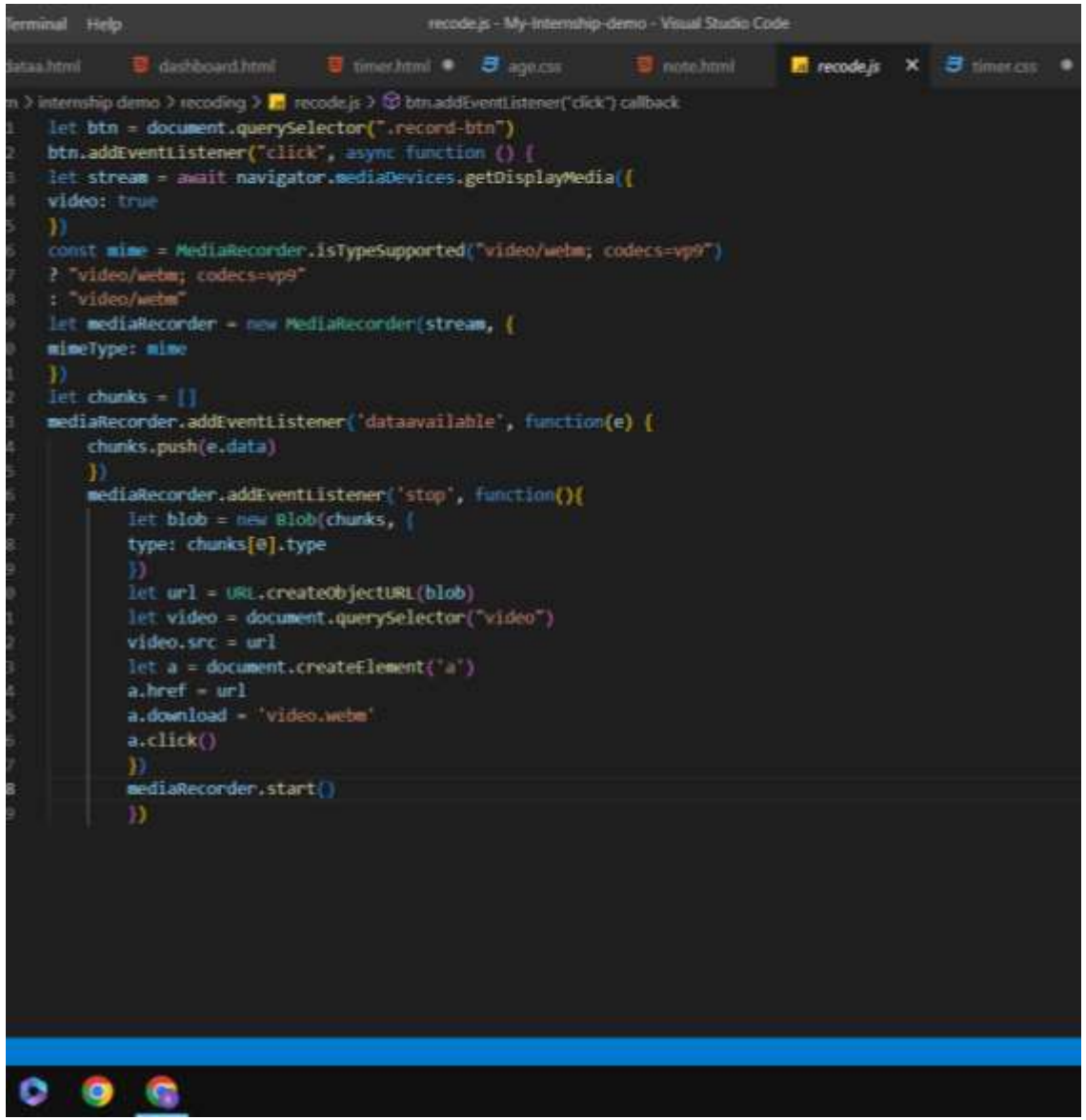
Ln 5, Col 28 Spaces: 2 UTF-8 LF {} JavaScri


File | D:/My-Internship-demo/learn/internship%20demo/new%20yar%20count/new.html
COUNTDOWN TILL
2023
283
Days
09
Hours
10
Minutes
07
Seconds

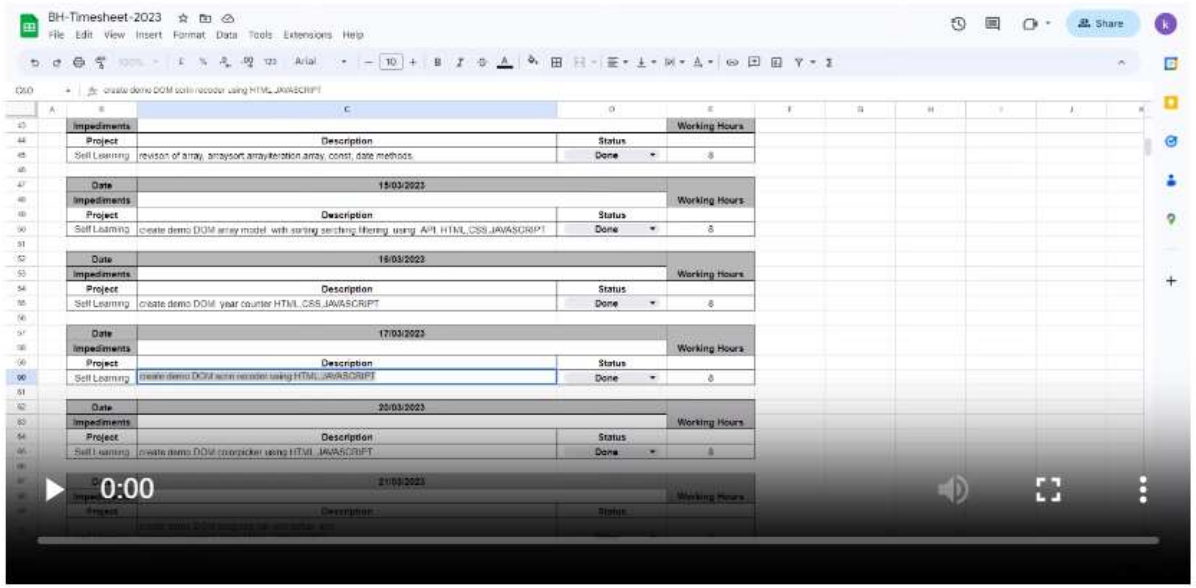
using HTML,JAVASCRIPT

create demo DOM scrin recoder


dataa.html
dashboard.html
timer.html
learn > internship demo > recoding > recod.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE
6 <meta name="viewport" content="width=device-wi
7 <title>recoding</title>
8 </head>
9 <body>
10
11 <video class="video" width="600px" controls></vide
12 <button class="record-btn">record</button>
13
14
15
16 <script src="../recoding/recode.js"></script>
17 </body>
18 </html>


recode.js - My-Internship-demo - Visual Studio Code
let btn = document.querySelector(".record-btn")
btn.addEventListener("click", async function () {
let stream = await navigator.mediaDevices.getDisplayMedia({
video: true
})
const mime = MediaRecorder.isTypeSupported("video/webm; codecs=vp9")
? "video/webm; codecs=vp9"
: "video/webm"
let mediaRecorder = new MediaRecorder(stream, {
mimeType: mime
})
let chunks = []
mediaRecorder.addEventListener('dataavailable', function(e) {
chunks.push(e.data)
})
mediaRecorder.addEventListener('stop', function(){
let blob = new Blob(chunks, {
type: chunks[0].type
})
let url = URL.createObjectURL(blob)
let video = document.querySelector("video")
video.src = url
let a = document.createElement('a')
a.href = url
a.download = 'video.webm'
a.click()
})
mediaRecorder.start()
})

File | D:/My-Internship-demo/learn/internship%20demo/recoding/recod.html

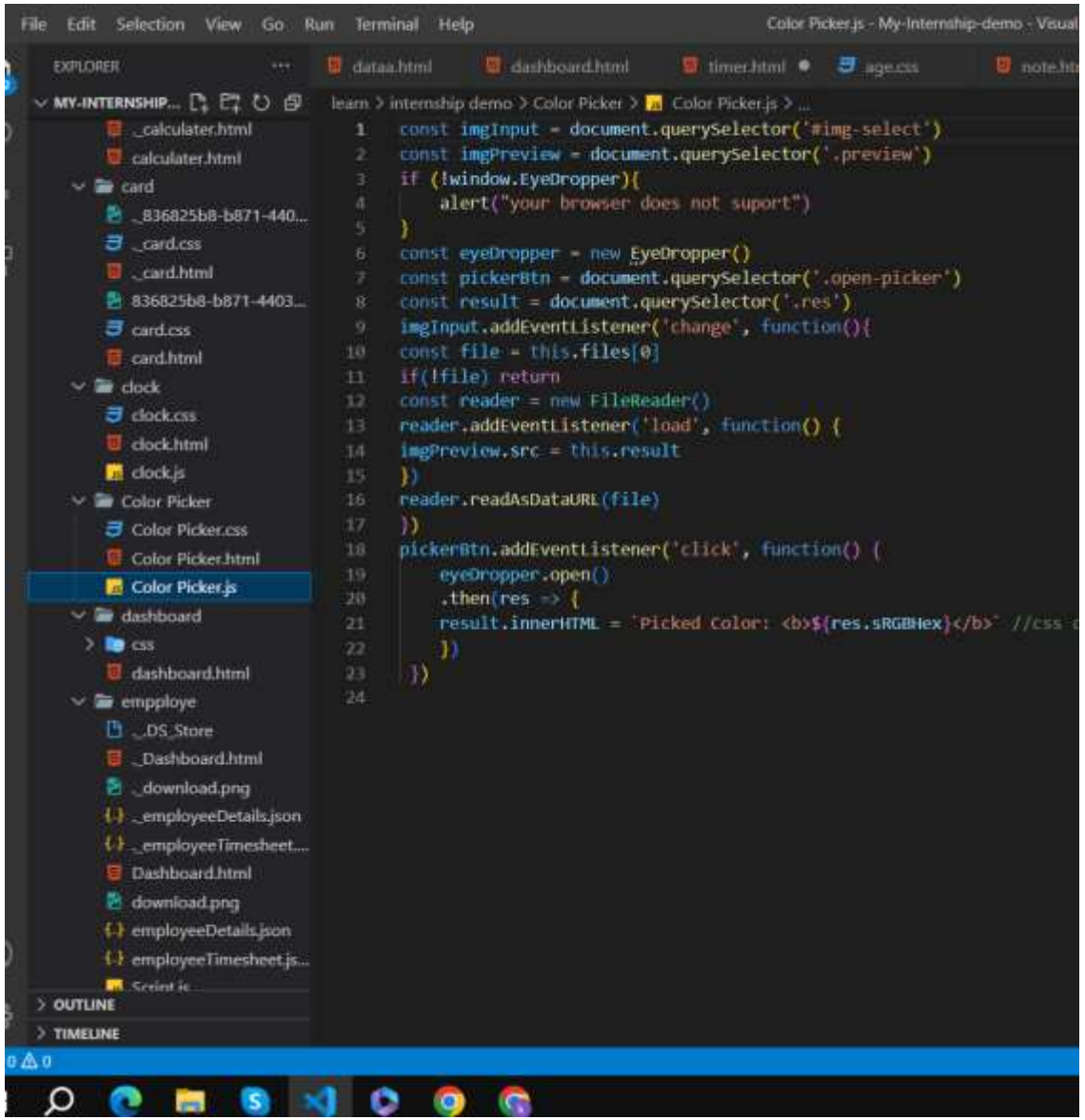


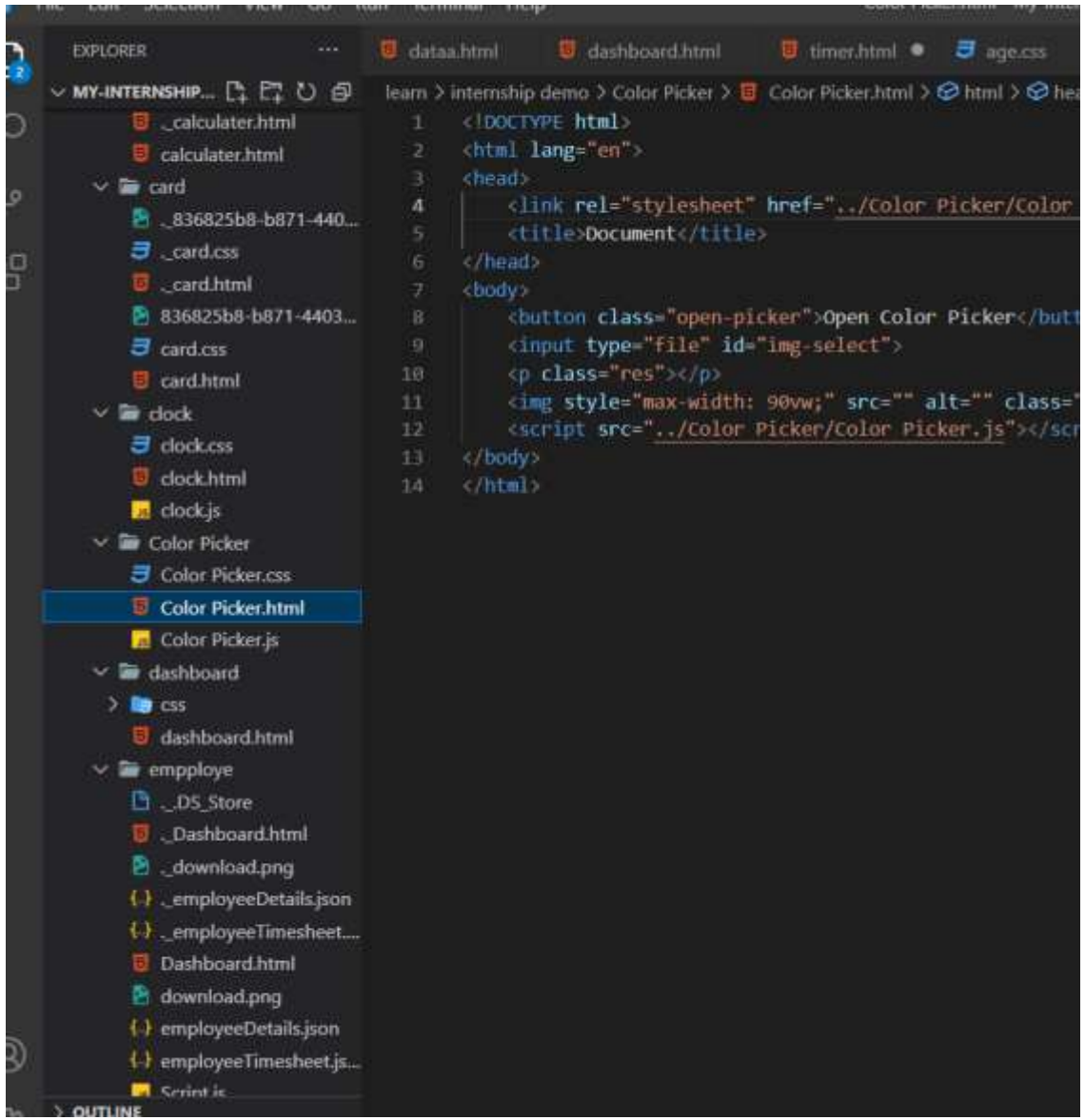
record

video.webm

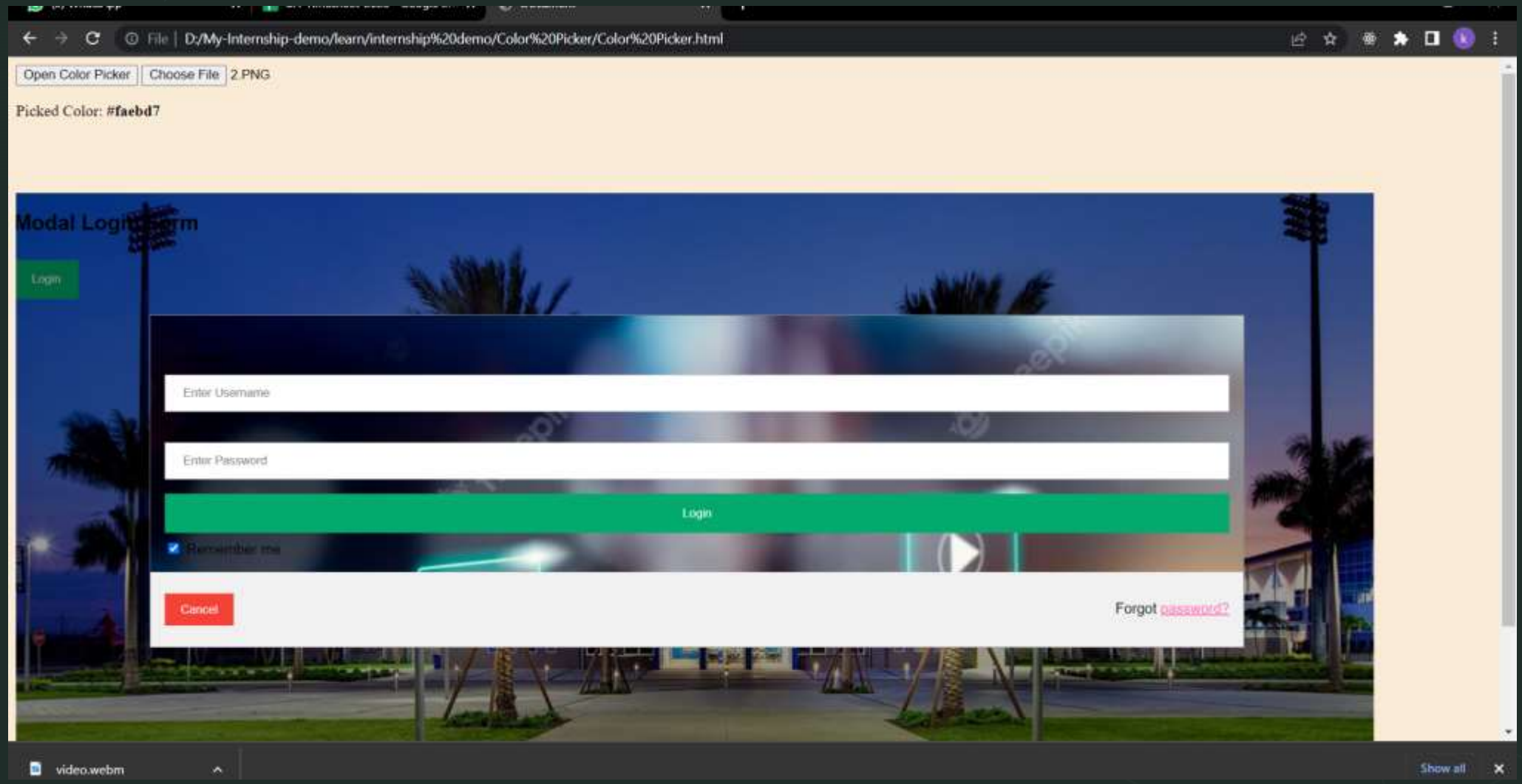
using HTML,JAVASCRIPT

create demo DOM color picker


File Edit Selection View Go Run Terminal Help
Color Picker.js - My-Internship-demo - Visual
EXPLORER
dataa.html
dashboard.html
timer.html
age.css
note.ht
learn > internship demo > Color Picker > Color Picker.js > ...
MY-INTERNSHIP...
_calculater.html
calculater.html
card
_836825b8-b871-440...
_card.css
_card.html
836825b8-b871-4403...
card.css
card.html
clock
clock.css
clock.html
clock.js
Color Picker
Color Picker.css
Color Picker.html
Color Picker.js
dashboard
css
dashboard.html
empployee
_.DS_Store
_Dashboard.html
_download.png
_employeeDetails.json
_employeeTimesheet....
Dashboard.html
download.png
employeeDetails.json
employeeTimesheet.js...
OUTLINE
TIMELINE
const imgInput = document.querySelector('#img-select')
const imgPreview = document.querySelector('.preview')
if (!window.EyeDropper){
alert("your browser does not suport")
}
const eyeDropper = new EyeDropper()
const pickerBtn = document.querySelector('.open-picker')
const result = document.querySelector('.res')
imgInput.addEventListener('change', function(){
const file = this.files[0]
if(!file) return
const reader = new FileReader()
reader.addEventListener('load', function() {
imgPreview.src = this.result
})
reader.readAsDataURL(file)
})
pickerBtn.addEventListener('click', function() {
eyeDropper.open()
.then(res => {
result.innerHTML = `Picked Color: <b>${res.sRGBHex}</b>` //css
})
})

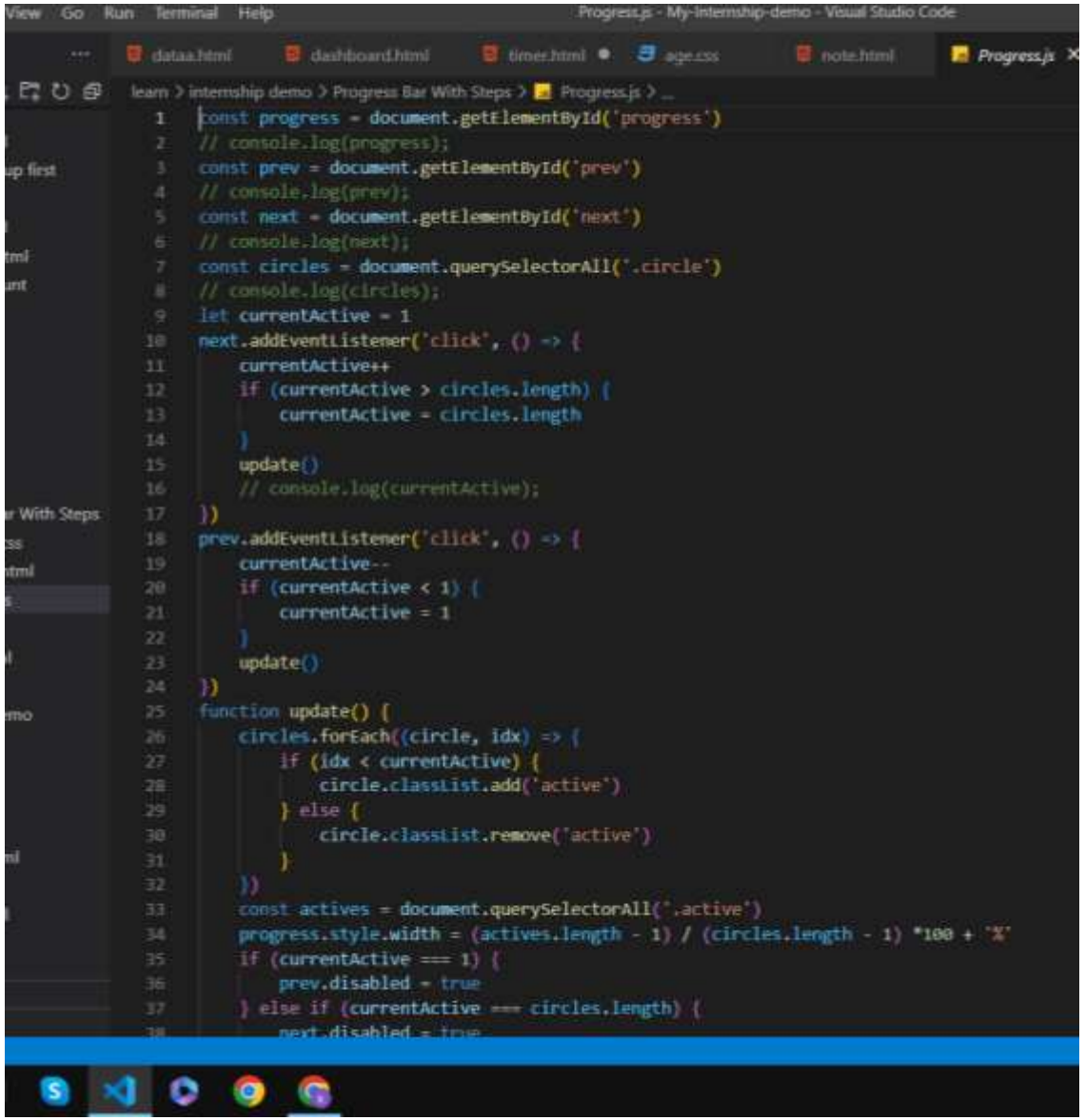

EXPLORER
dataa.html
dashboard.html
timer.html
age.css
learn > internship demo > Color Picker > Color Picker.html > html > he
MY-INTERNSHIP...
_calculater.html
calculater.html
card
_836825b8-b871-440...
_card.css
_card.html
836825b8-b871-4403...
card.css
card.html
clock
clock.css
clock.html
clock.js
Color Picker
Color Picker.css
Color Picker.html
Color Picker.js
dashboard
css
dashboard.html
empployee
_.DS_Store
_Dashboard.html
_download.png
_employeeDetails.json
_employeeTimesheet....
Dashboard.html
download.png
employeeDetails.json
employeeTimesheet.js...
OUTLINE
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="stylesheet" href="../Color Picker/Color
<title>Document</title>
</head>
<body>
<button class="open-picker">Open Color Picker</butt
<input type="file" id="img-select">

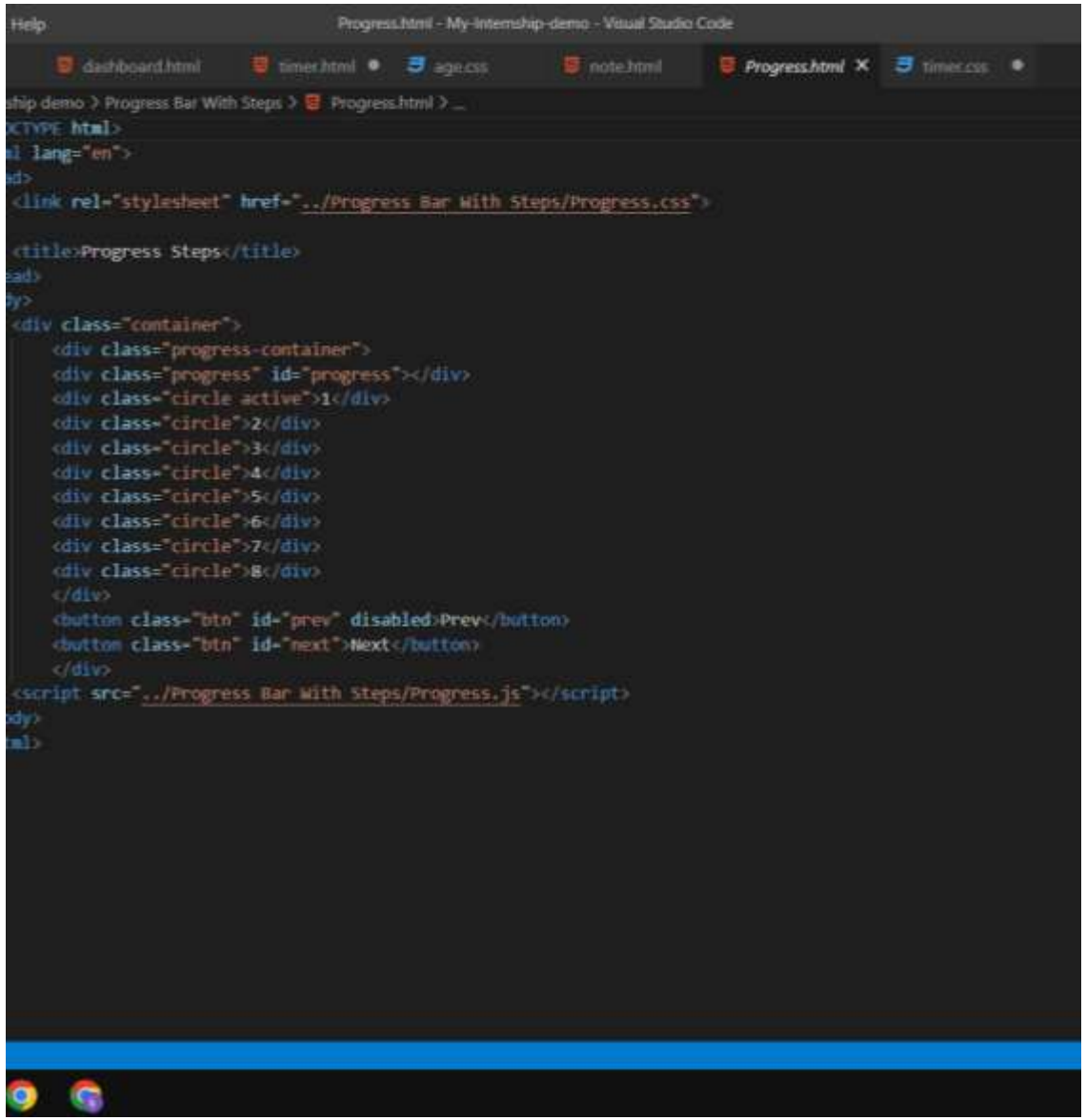
<img style="max-width: 90vw;" src="" alt="" class="
<script src="../Color Picker/Color Picker.js"></scr
</body>
</html>


File | D:/My-Internship-demo/learn/internship%20demo/Color%20Picker/Color%20Picker.html
Open Color Picker
Choose File
2.PNG
Picked Color: #faebd7
Modal Login Form
Login
Enter Username
Enter Password
Login
Remember me
Cancel
Forgot password?
video.webm
Show all

using HTML,JAVASCRIPT

create demo DOM progress bar with setup and increment opreters

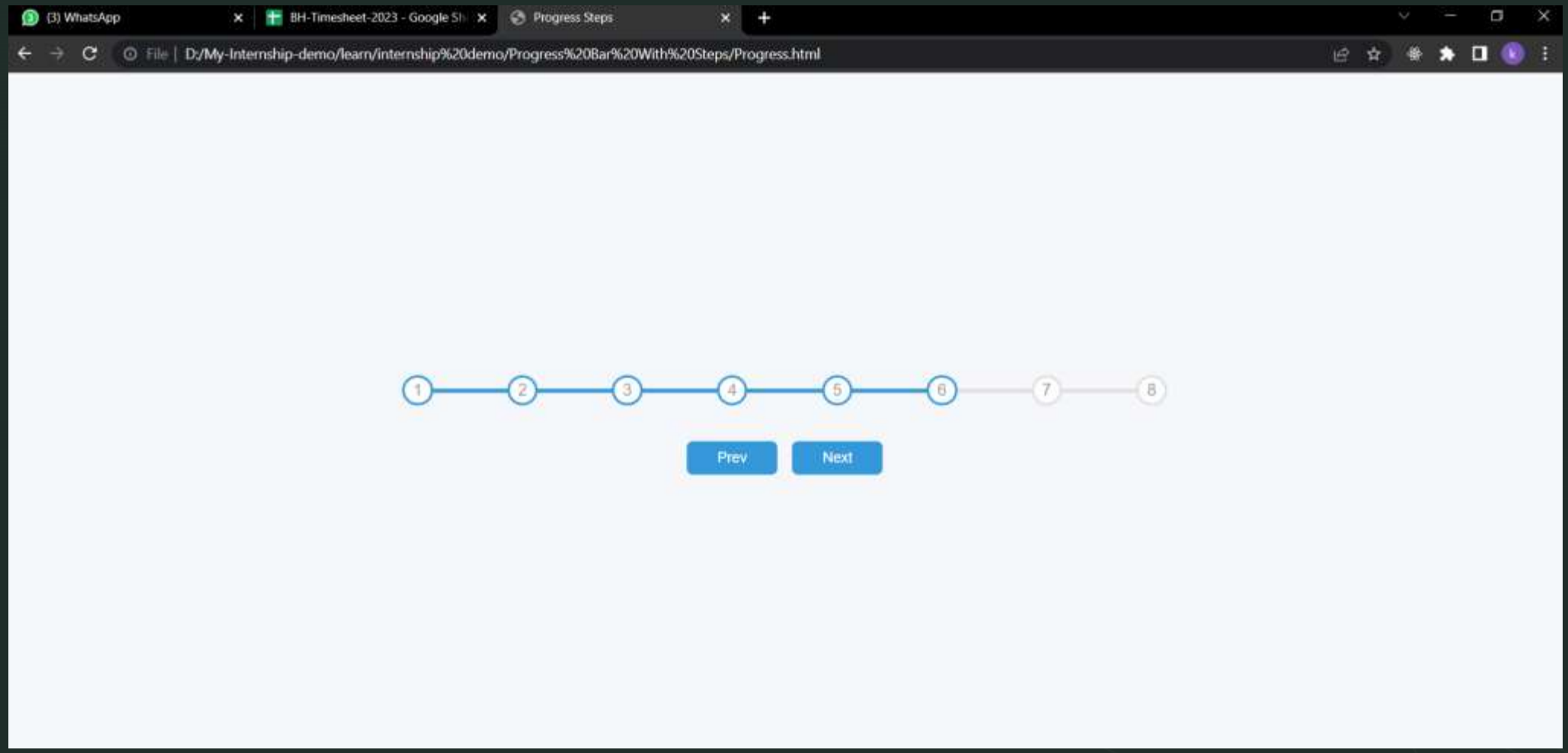

View Go Run Terminal Help
Progress.js - My-Internship-demo - Visual Studio Code
data.html
dashboard.html
timer.html
age.css
note.html
Progress.js
learn > internship demo > Progress Bar With Steps > Progress.js > ...
const progress = document.getElementById('progress')
// console.log(progress);
const prev = document.getElementById('prev')
// console.log(prev);
const next = document.getElementById('next')
// console.log(next);
const circles = document.querySelectorAll('.circle')
// console.log(circles);
let currentActive = 1
next.addEventListener('click', () => {
currentActive++
if (currentActive > circles.length) {
currentActive = circles.length
}
update()
// console.log(currentActive);
})
prev.addEventListener('click', () => {
currentActive--
if (currentActive < 1) {
currentActive = 1
}
update()
})
function update() {
circles.forEach((circle, idx) => {
if (idx < currentActive) {
circle.classList.add('active')
} else {
circle.classList.remove('active')
}
})
const actives = document.querySelectorAll('.active')
progress.style.width = (actives.length - 1) / (circles.length - 1) *100 + '%'
if (currentActive === 1) {
prev.disabled = true
} else if (currentActive === circles.length) {


Help
Progress.html - My-Internship-demo - Visual Studio Code
dashboard.html
timer.html
age.css
note.html
Progress.html
timer.css
ship demo > Progress Bar With Steps > Progress.html > ...
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="stylesheet" href="../Progress Bar With Steps/Progress.css">
<title>Progress Steps</title>
</head>
<body>

1
2
3
4
5
6
7
8

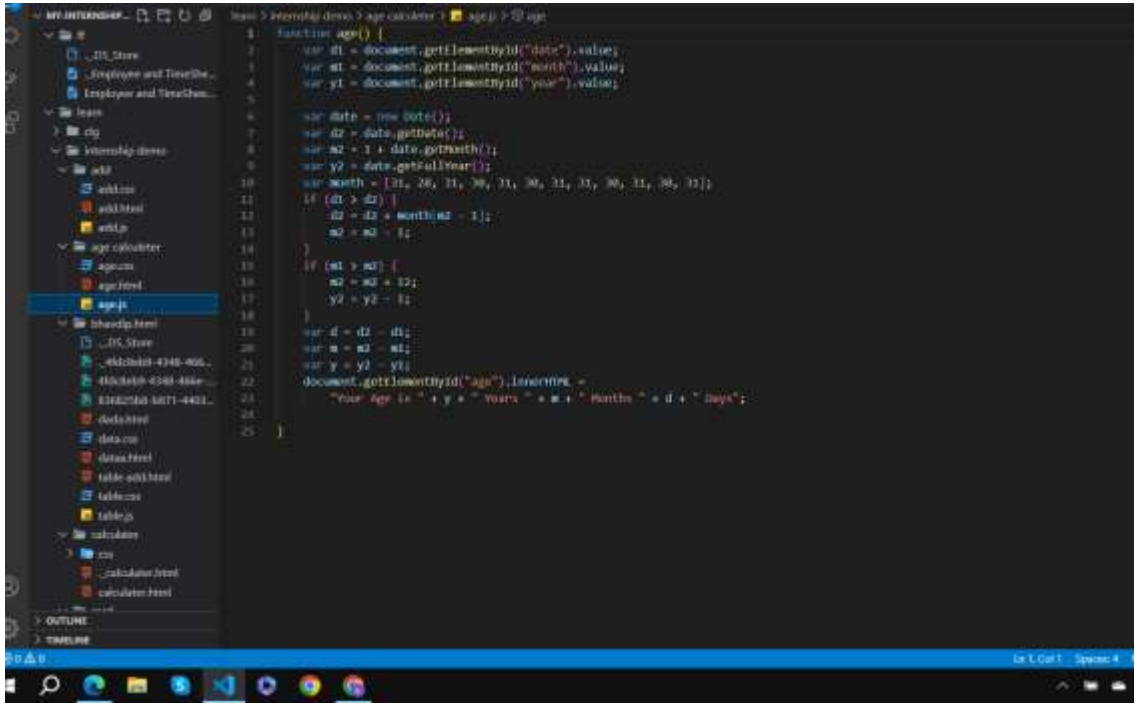
<button class="btn" id="prev" disabled>Prev</button>
<button class="btn" id="next">Next</button>

<script src="../Progress Bar With Steps/Progress.js"></script>
</body>
</html>

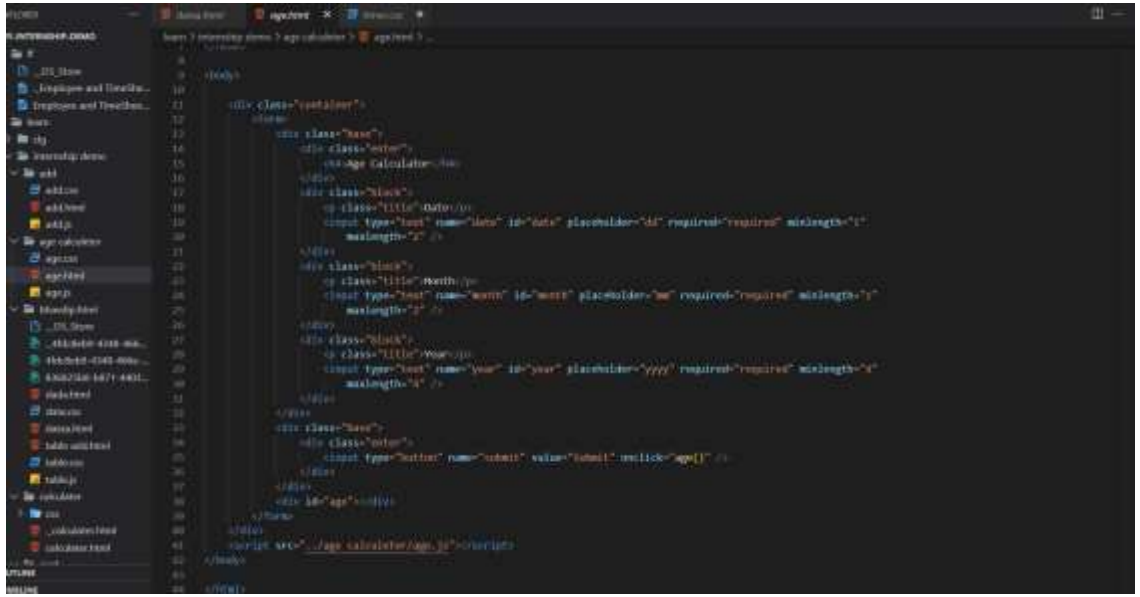

(3) WhatsApp
BH-Timesheet-2023 - Google Sh
Progress Steps
File | D:/My-Internship-demo/learn/internship%20demo/Progress%20Bar%20With%20Steps/Progress.html
1
2
3
4
5
6
7
8
Prev
Next

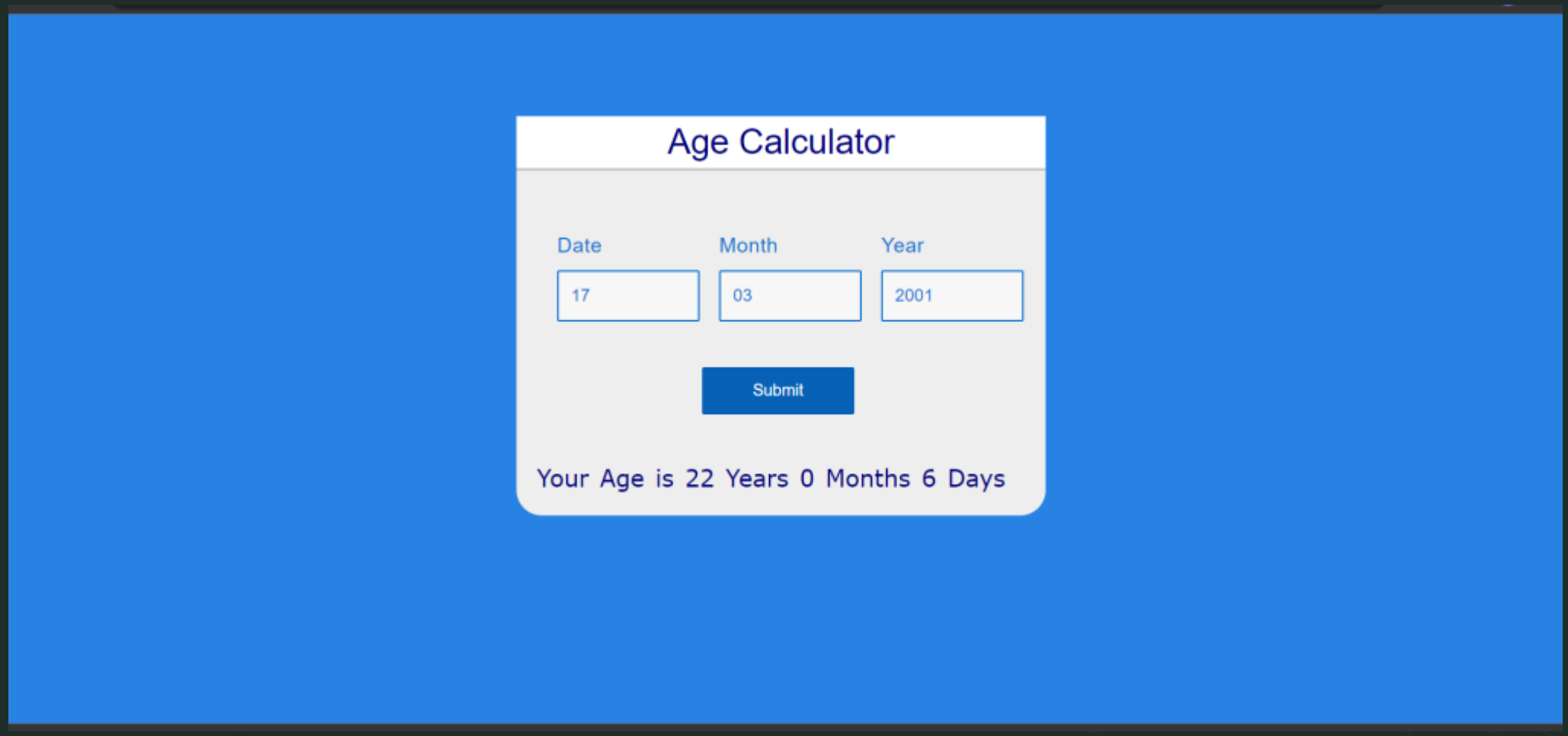
using HTML,JAVASCRIPT

create demo DOM age calculeter



```
function age() {
    var d1 = document.getElementById("date").value;
    var m1 = document.getElementById("month").value;
    var y1 = document.getElementById("year").value;

    var date = new Date();
    var d2 = date.getDate();
    var m2 = 1 + date.getMonth();
    var y2 = date.getFullYear();
    var month = [31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31];
    if (d1 > d2) {
        d2 = d2 + month[m2 - 1];
        m2 = m2 - 1;
    }
    if (m1 > m2) {
        m2 = m2 + 12;
        y2 = y2 - 1;
    }
    var d = d2 - d1;
    var m = m2 - m1;
    var y = y2 - y1;
    document.getElementById("age").innerHTML =
        "Your Age is " + y + " Years " + m + " Months " + d + " Days";

}
```




Age Calculator
Date
Month
Year
17
03
2001
Submit
Your Age is 22 Years 0 Months 6 Days

Thank you