

# 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**

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ENROLLMENT NO: **21MSCIT22001**

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11. create demo DOM age calculator

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:auto">Login</button>

  <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'">Close
        <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.png');
      margin: 0;

    }

  </style>

  <style>
    a {
      color: #ff69b4;
    }
  </style>

  <style>
    body {
      background-color: #ffffff;
    }
    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





## 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 > ...

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <title>todoapp</title>
9      <link rel="stylesheet" href="../../todoapp/css/todo.css">
10 </head>
11 <body>
12     <div id="myDIV" class="header">
13         <h2 style="margin:5px">My To Do List</h2>
14         <input type="text" id="myInput" placeholder="Title...">
15         <span onclick="newElement()" class="addBtn">Add</span>
16     </div>
17
18     <ul id="myUL">
19         <li>Hit the gym </li>
20         <li class="checked">Pay bills</li>
21         <li>Meet George</li>
22         <li>Buy eggs</li>
23         <li>Read a book</li>
24         <li>Organize office</li>
25     </ul>
26     <script src="../../todoapp/todo.js"></script>
27
28 </body>
29
30 </html>
31
32
```



← → ↻

File | D:/learn/My-Internship-demo/learn/internship%20demo/todoapp/todo.html

🔗 ☆ ⚙️ 🌟 🖨️ 👤 ⋮

My To Do List

Add

Hit the gym

✓ Pay bills

Meet George

Buy eggs

Read a book

Organize office

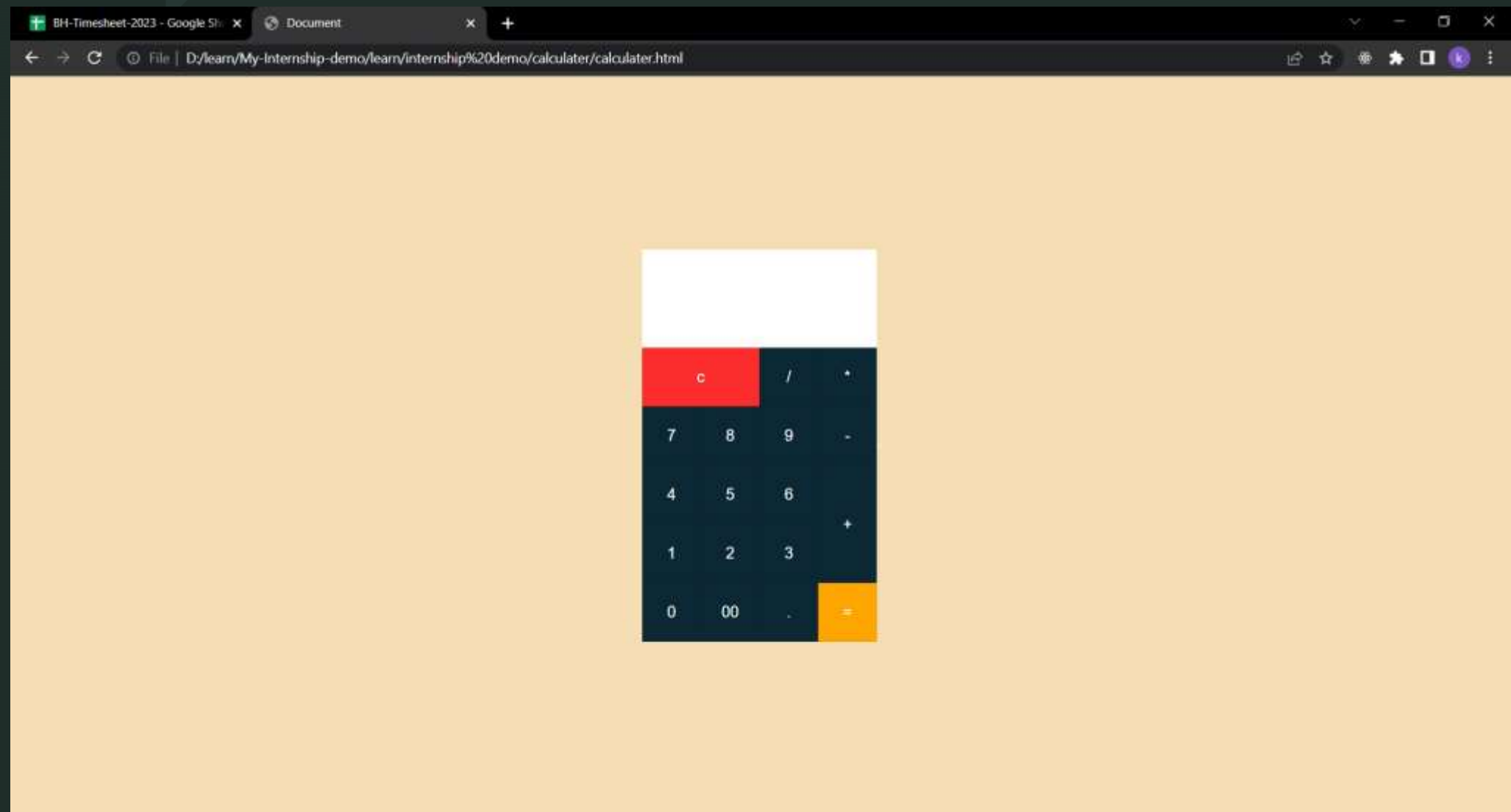
using HTML CSS



# Create calculator

learn &gt; internship demo &gt; calculator &gt; calculator.html &gt; html &gt; head

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="stylesheet" href="./css/calculator.css">
9  </head>
10 <body class="data">
11
12     <form class="calculator" name="calc">
13         <input class="value" type="text" name="txt" readonly="">
14         <span class="num clear" onClick="document.calc.txt.value = ''">c</span>
15         <span class="num" onClick="document.calc.txt.value += '/'">/</span>
16         <span class="num" onClick="document.calc.txt.value += '*'">*</span>
17         <span class="num" onClick="document.calc.txt.value += '7'">7</span>
18         <span class="num" onClick="document.calc.txt.value += '8'">8</span>
19         <span class="num" onClick="document.calc.txt.value += '9'">9</span>
20         <span class="num" onClick="document.calc.txt.value += '-'">-</span>
21         <span class="num" onClick="document.calc.txt.value += '4'">4</span>
22         <span class="num" onClick="document.calc.txt.value += '5'">5</span>
23         <span class="num" onClick="document.calc.txt.value += '6'">6</span>
24         <span class="num plus" onClick="document.calc.txt.value += '+'">+</span>
25         <span id="num1" class="num" onClick="document.calc.txt.value += '1'">1</span>
26         <span class="num" onClick="document.calc.txt.value += '2'">2</span>
27         <span class="num" onClick="document.calc.txt.value += '3'">3</span>
28         <span class="num" onClick="document.calc.txt.value += '0'">0</span>
29         <span class="num" onClick="document.calc.txt.value += '00'">00</span>
30         <span class="num" onClick="document.calc.txt.value += '.'">.</span>
31         <span class="num equal" onClick="document.calc.txt.value =eval(calc.txt.value)">=</span>
32     </form>
33
34     <button id="data"></button>
35     <script type="text/javascript" src=""></script>
36
37 </body>
38 </html>
```



using HTML , CSS and JS



# Creat responsive demo in dashboard

learn > internship demo > frontend.html > data.html > html > bodyData > divmain-container > divmain > divreport-container > divreport-header > a

```
94
95 <div class="main-container">
96   <div class="navcontainer">
97     <!-- cur class="nav" -->
98     <div id="mysidenav" class="sidenav">
99       <a href="#" javascript:void(0)" class="closebtn" onclick="closeNav()" >X</a>
100
101       <div class="nav-upper-options">
102         <div class="nav-option option1">
103           
105           <div> Dashboard</div>
106         </div>
107
108         <div class="nav-option option2">
109           
111           <a href="D:/My-Internship-demo/learn/internship demo/frontend.html/table-add.html">
112             <div> Articles</div>
113           </a>
114         </div>
115
116         <div class="nav-option option3">
117           
119           <div> Reports</div>
120         </div>
121
122         <div class="nav-option option4">
123           
125           <div> Institution</div>
126         </div>
127
128         <div class="nav-option options">
129           
```

data.html X  
learn > internship demo > frontend.html > data.html > html > bodyData > divmain-container > divmain > divreport-container > divreport-header > a

```
9 <script>
10   let menuicon = document.querySelector("#menuicon");
11   let nav = document.querySelector("#navcontainer");
12
13   menuicon.addEventListener("click", () => {
14     nav.classList.toggle("navclose");
15   })
16
17   function openNav() {
18     document.getElementById("mysidenav").style.width = "250px";
19     document.getElementById("data").style.marginLeft = "250px";
20   }
21
22   function closeNav() {
23     document.getElementById("mysidenav").style.width = "0";
24     document.getElementById("data").style.marginLeft = "0";
25   }
26 </script>
27 </head>
28
29 <body id="data">
30
31
32
33 <header>
34
35   <div class="logover">
36     <div class="log">frontend</div>
37     <!--  -->
39     <span style="font-size: 20px; cursor: pointer" onclick="openNav()" >☰</span>
40   </div>
41
42   <div class="header">
43
44     <button onclick="myfunction()" >a
45       href="D:/My-Internship-demo/learn/internship demo/login/login.html"
```



← → ↻

File | D:/My-Internship-demo/learn/internship%20demo/bhavdip.html/dataa.html

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bhavdip

☰

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60.5k  
Article Views

150  
Likes

320  
Comments

70  
Published

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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 > ...

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

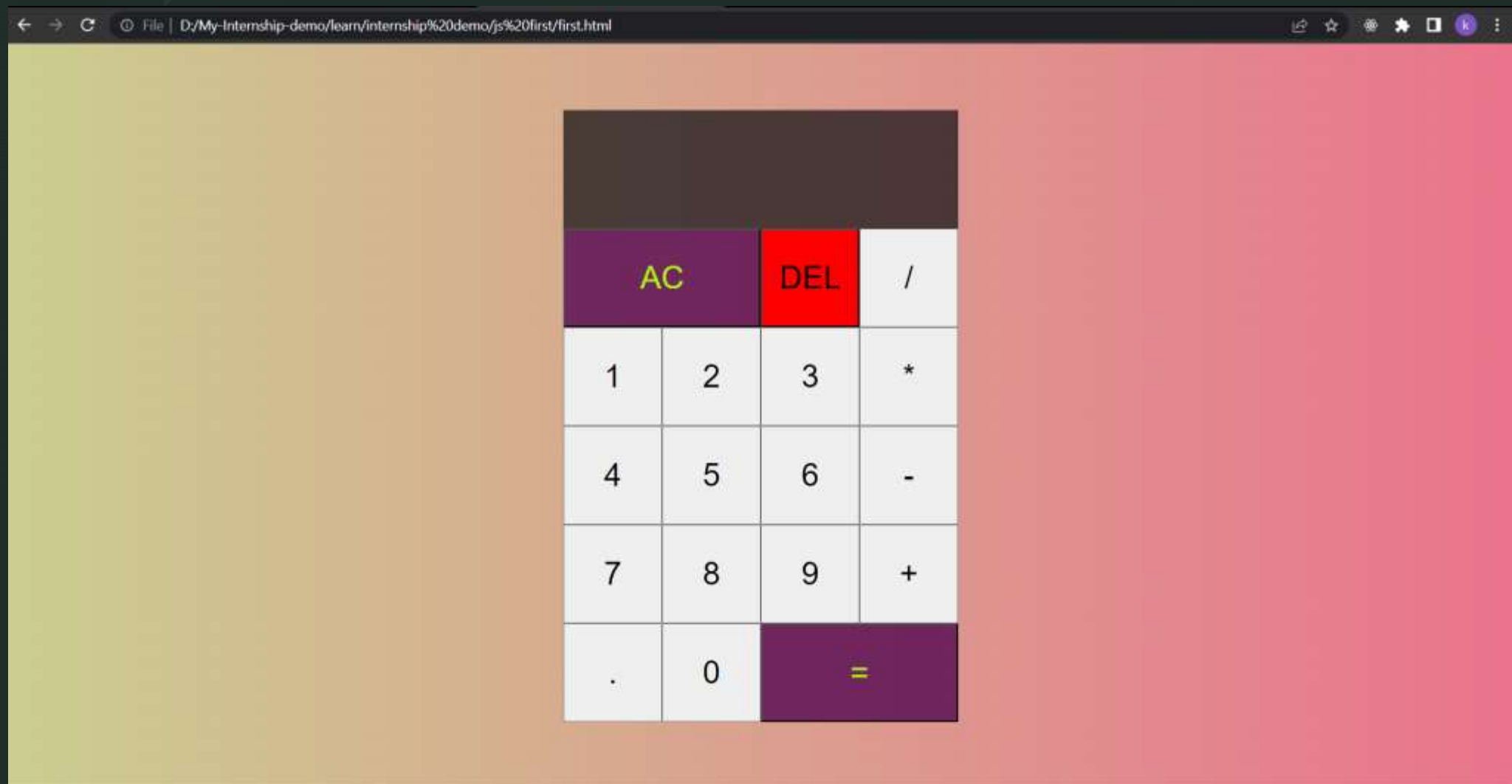
<head>
  <link rel="stylesheet" href="../js first/first.css">

  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <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>
```

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

```
dataa.html dashboard.html first.js X
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  delete(){
15    this.currentOperand = this.currentOperand.toString().slice(0,-1);
16  }
17
18  appendNumber(number){
19    if(number==="." && this.currentOperand.includes('.')) return
20    this.currentOperand = this.currentOperand.toString() + number.toString()
21  }
22
23  chooseOperation(operation){
24    if(this.previousOperand===' ' && this.currentOperand==='') return
25    if(this.operation !== '' && this.previousOperand !== '' && this.currentOperand !== ''){
26      this.operation = operation;
27      return;
28    }
29    if(this.operation !== '' && this.previousOperand !== '' && this.currentOperand !== ''){
30      if(this.operation === '*' || this.operation === '/'){
31        this.previousOperand= (this.previousOperand * -1);
32        return;
33      }
34    }
35  }
36  if(this.previousOperand !== '' && this.currentOperand !== ''){
37    this.compute();
38  }
```



using HTML,CSS,JS

▼ create demo timer

learn > 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

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <link rel="stylesheet" href="../timer/timer.cs
5    <title>timer</title>
6  </head>
7  <body>
8    <div class="time">
9      <div class="timedisplay">
10
11        00:00:00:000
12      </div>
13      <div class="buttons">
14        <button id="pauseTimer">Pause</button>
15        <button id="startTimer">Start</button>
16        <button id="resetTimer">Reset</button>
17      </div>
18    </div>
19
20    <script src="../timer/timer.js"></script>
21  </body>
22  </html>
23
24
25
```



```

1 let [milliseconds,seconds,minutes,hours] = [0,0,0,0];
2 let timerRef = document.querySelector('.timedisplay');
3 let currentInterval = null;
4
5 document.getElementById('startTimer').addEventListener('click', (e) => {
6   if(currentInterval!==null){
7     clearInterval(currentInterval);
8   }
9   currentInterval = setInterval(displayTimer,10);
0 });
1
2 document.getElementById('pauseTimer').addEventListener('click', (e) => {
3   clearInterval(currentInterval);
4 });
5
6 document.getElementById('resetTimer').addEventListener('click', (e) => {
7   clearInterval(currentInterval);
8   [milliseconds,seconds,minutes,hours] = [0,0,0,0];
9   timerRef.innerHTML = '00 : 00 : 00 : 000 ';
0 });
1
2 function displayTimer(){
3   milliseconds+=10;
4   if(milliseconds == 1000){
5     milliseconds = 0;
6     seconds++;
7     if(seconds == 60){
8       seconds = 0;
9       minutes++;
0       if(minutes == 60){
1         minutes = 0;
2         hours++;
3       }
4     }
5   }
6
7   let h = hours < 10 ? "0" + hours : hours;
8   let m = minutes < 10 ? "0" + minutes : minutes;

```

```

dataa.html dashboard.html timer.html timer.css
learn > internship demo > timer > timer.css > ...
39   border-radius: 5px;
40   box-shadow: 0 0 20px rgba(0,139,253,0.25);
41 }
42
43 .buttons{
44   width: 90%;
45   margin: 60px auto 0 auto;
46   display: flex;
47   justify-content: space-around;
48 }
49 .buttons button{
50   width: 120px;
51   height: 45px;
52   background-color: #205e94;
53   color: #ffffff;
54   border: none;
55   font-family: 'Poppins',sans-serif;
56   font-size: 18px;
57   border-radius: 5px;
58   cursor: pointer;
59   outline: none;
60 }
61
62 .buttons button:nth-last-child(2){
63   background-color: #d23332;
64 }
65 .buttons button:nth-last-child(1){
66   background-color: #20b380;
67 }

```

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 x tim
learn > internship demo > clock > clock.css > body
1 body {
2   font-family: system-ui;
3   background: #35aae5;
4   color: white;
5   text-align: center;
6 }
7 .dd{
8   position: relative;
9   width: 92%;
10  background: #ffffff;
11  left: 4%;
12  padding: 40px 0;
13  font-family: 'Roboto mono', monospace;
14  color: #0381bb;
15  font-size: 40px;
16  display: block;
17  margin-top: 50vh;
18  align-items: center;
19  justify-content: space-around;
20  border-radius: 5px;
21  box-shadow: 0 0 20px rgba(0,139,253,0.25);
22 }

```

```

n > internship demo > clock > clock.html > html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <link rel="stylesheet" href="../clock/clock.css">
5
6   <title>Document</title>
7 </head>
8 <body>
9   <div class="dd" id = "clock" onload="currentTime()">
10
11   <script src="../clock.js"></script>
12
13
14 </body>
15 </html>

```

learn &gt; internship demo &gt; clock &gt; clock.js &gt; currentTime

```
1 function currentTime() {
2     let date = new Date();
3
4     let h = date.getHours();
5     let m = date.getMinutes();
6     let s = date.getSeconds();
7     let session = "AM";
8     if (h === 0) {
9         h = 12;
10    }
11
12    if (h > 12) {
13        h = h - 12;
14        session = "PM";
15    }
16
17    h = (h < 10) ? "0" + h : h;
18    m = (m < 10) ? "0" + m : m;
19    s = (s < 10) ? "0" + s : s;
20
21    let time = h + ":" + m + ":" + s + " " + session;
22    document.getElementById("clock").innerText = time;
23    let t = setTimeout(function () { currentTime() } );
24
25 }
26 currentTime();
27
28
```

02:09:18 PM



using HTML,CSS

▼ create demo  
nevbbar

new > learning demo > reflectivedemo > reflect > <html> <body>

```
1 <docType html>
2 <html lang="en">
3 <head>
4   <link rel="stylesheet" href=".../reflectivedemo/ref.css">
5   <title>Documents/111111
6 </head>
7 <body>
8   <div class="menu">
9
10     <input type="radio" name="nav-item" id="a-home" checked="" label for="a-home">Home &#128517;</label>
11     <input type="radio" name="nav-item" id="a-search"><label for="a-search">Search &#128517;</label>
12     <input type="radio" name="nav-item" id="a-notification"><label for="a-notification">Notification &#128525;</label>
13     <input type="radio" name="nav-item" id="a-favorites"><label for="a-favorites">Favorites &#128517;</label>
14     <input type="radio" name="nav-item" id="a-profile"><label for="a-profile">Profile &#128517;</label>
15
16     <div class="selector"></div>
17   </div>
18
19   <script src=".../reflectivedemo/ref.js"></script>
20
21 </body>
22 </html>
```

new > learning demo > reflectivedemo > reflect > <html> <body>

```
1 * :root {
2   --color: #000000;
3 }
4
5 body {
6   width: 100%;
7   height: 100vh;
8   display: flex;
9   justify-content: center;
10   align-items: center;
11   overflow: hidden;
12   margin: 0;
13   background-color: #000000;
14 }
15
16 nav.menu {
17   display: flex;
18   justify-content: space-between;
19   position: relative;
20   height: 150px;
21   padding: 0 20px 10px;
22   background: #000000;
23   align-items: end;
24   width: 100%;
25 }
26
27 nav.menu:before {
28   content: "";
29   width: 100%;
30   height: 150px;
31   background: #000000;
32   position: absolute;
33   left: 0;
34   bottom: 0;
35   border-radius: 20px;
36   z-index: -1;
37   box-shadow: 1px 1px 0px 0px #000000;
38 }
```

Drag a view to display.

learn > internship demo > reflectivedemo > ref.css > \*:root

```
39 input { display: none; }
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 label: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, #fff 30px),
68     radial-gradient(circle at 50% 50%, var(--hole) 0 45px, #fff 45px),
69     radial-gradient(circle at 50% 75px, #181818 0 70px, #fff 70px),
70   width: 95px;
71   height: 95px;
72   position: absolute;
73   bottom: 47px;
74   left: 0;
75   z-index: -1;
```

learn > internship demo > reflectivedemo > ref.css > \*:root

```
185   linear-gradient(90deg, #fff0 0 6px, var(--icon) 0 calc(100% - 6px),
186   conic-gradient(from 135deg at 50% 33%, var(--icon) 0 25%,
187   #fff 25%, #fff0 100%);
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, #fff 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, #fff 16px),
208     radial-gradient(circle at 34px 34px, var(--icon) 0 16px, #fff 16px),
209     linear-gradient(45deg, var(--icon) 0 37px, #fff0 38px 100%);
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, #fff 12px),
220     radial-gradient(circle at 50% 100%, var(--icon) 0 22px, #fff 22px),
221     linear-gradient(90deg, #fff0 0 6px, var(--icon) 0 calc(100% - 6px),
```

```

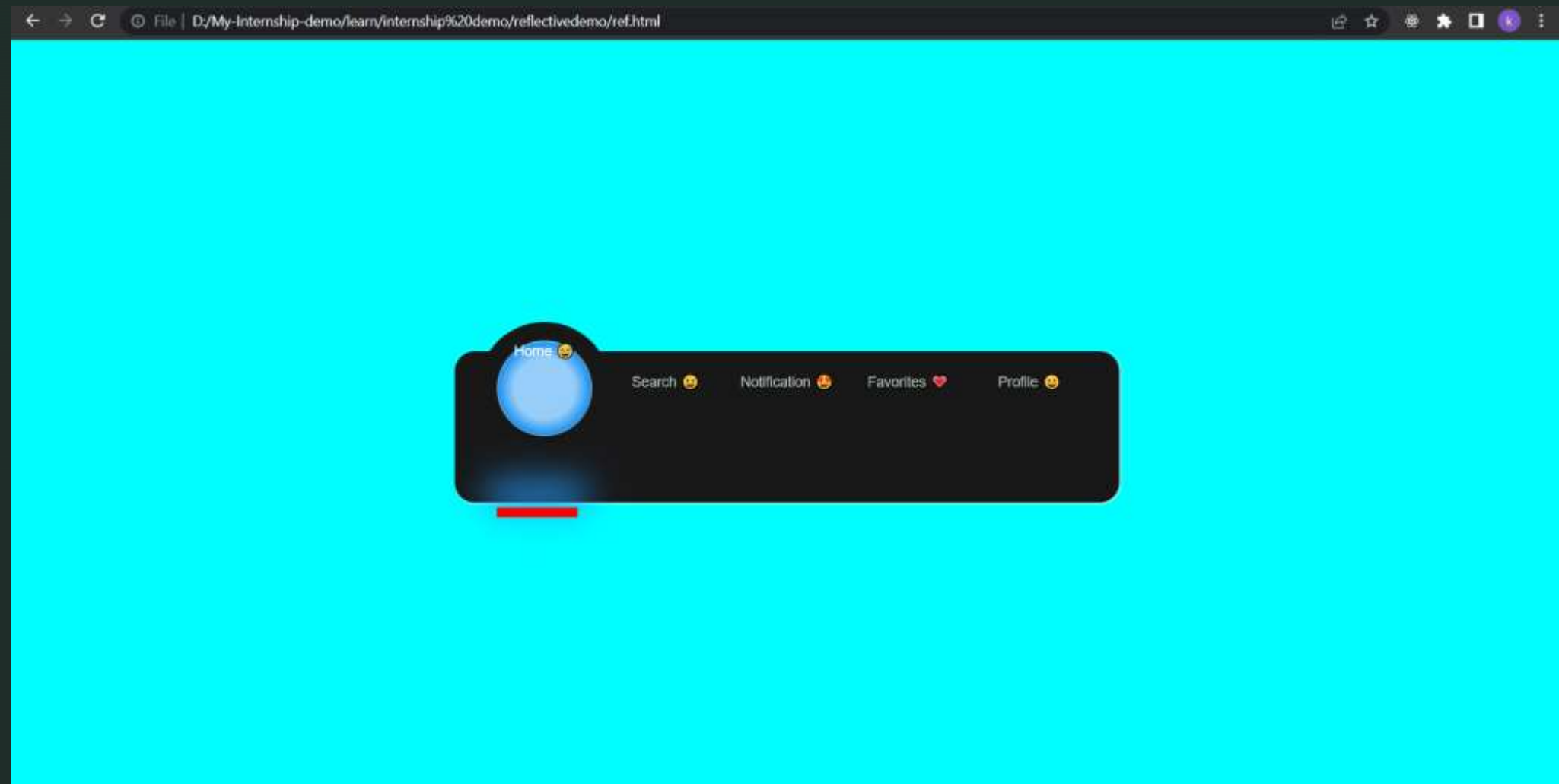
31 // Create a new list item when clicking on the "Add" butt
32 function newElement() {
33     var li = document.createElement("li");
34     var inputValue = document.getElementById("myInput").val
35     var t = document.createTextNode(inputValue);
36     li.appendChild(t);
37     if (inputValue === '') {
38         alert("You must write something!");
39     } else {
40         document.getElementById("myUL").appendChild(li);
41     }
42     document.getElementById("myInput").value = "";
43
44     var span = document.createElement("SPAN");
45     var txt = document.createTextNode("\u00D7");
46     span.className = "close";
47     span.appendChild(txt);
48     li.appendChild(span);
49
50     for (i = 0; i < close.length; i++) {
51         close[i].onclick = function() {
52             var div = this.parentElement;
53             div.style.display = "none";
54         }
55     }
56 }
57
58

```

```

1
2 // Create a "close" button and append it to each list item
3 var myNodeList = document.getElementsByTagName("LI");
4 var i;
5 for (i = 0; i < myNodeList.length; i++) {
6     var span = document.createElement("SPAN");
7     var txt = document.createTextNode("\u00D7");
8     span.className = "close";
9     span.appendChild(txt);
10    myNodeList[i].appendChild(span);
11 }
12
13 // Click on a close button to hide the current list item
14 var close = document.getElementsByClassName("close");
15 var i;
16 for (i = 0; i < close.length; i++) {
17     close[i].onclick = function() {
18         var div = this.parentElement;
19         div.style.display = "none";
20     }
21 }
22
23 // Add a "checked" symbol when clicking on a list item
24 var list = document.querySelector('ul');
25 list.addEventListener('click', function(ev) {
26     if (ev.target.tagName === 'LI') {
27         ev.target.classList.toggle('checked');
28     }
29 }, false);
30
31 // Create a new list item when clicking on the "Add" button
32 function newElement() {
33     var li = document.createElement("li");
34     var inputValue = document.getElementById("myInput").value;
35     var t = document.createTextNode(inputValue);
36     li.appendChild(t);
37     if (inputValue === '') {
38         alert("You must write something!");
39     } else {
40         document.getElementById("myUL").appendChild(li);
41     }
42     document.getElementById("myInput").value = "";
43
44     var span = document.createElement("SPAN");
45     var txt = document.createTextNode("\u00D7");
46     span.className = "close";
47     span.appendChild(txt);
48     li.appendChild(span);
49
50     for (i = 0; i < close.length; i++) {
51         close[i].onclick = function() {
52             var div = this.parentElement;
53             div.style.display = "none";
54         }
55     }
56 }
57
58

```



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 > fetch data > fetch.css > *
1  *{
2      box-sizing: border-box;
3  }
4  body{
5      background: #f4f4f4;
6      font-family: Arial, Helvetica, sans-serif;
7      display: flex;
8      flex-direction: column;
9      align-items: center;
10     min-height: 100vh;
11     margin: 0;
12     margin-top: 20%;
13 }
14 .container{
15     display: flex;
16     padding: 20px;
17     margin: 0 auto;
18     max-width: 100%;
19     width: 800px;
20 }
21 aside{
22     padding: 10px 20px;
23     width: 250px;
24     border-radius: 1px solid #111;
25 }
26 button{
27     cursor: pointer;
28     background-color: #fff;
29     border-radius: 5px;
30     border: solid 1px #111;
31     display: block;
32     width: 100%;
33     padding: 10px;
34     margin-bottom: 20px;
35     font-weight: bold;
36     font-size: 14px;
37 }
38 main{

```

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

```

learn > internship demo > fetch data > fetch.html > html > body > div.container > aside
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <link rel="stylesheet" href="../fetch data/fetch.css">
8
9      <title>DOM Array Methods</title>
10 </head>
11 <body>
12     <h1>DOM Array Methods</h1>
13     <div class="container">
14         <aside>
15             <button id="add-user">Add User</button>
16             <button id="double">double money</button>
17             <button id="show-millionaires">show only millionaires</button>
18             <button id="sort">sort by richest</button>
19             <button id="calculate-wealth">calculate Entire wealth</button>
20         </aside>
21         <main id="main">
22             <h2><strong>person</strong> wealth</h2>
23         </main>
24     </div>
25
26
27     <script src="../fetch data/fetch.js"></script>
28 </body>
29 </html>

```

learn &gt; internship demo &gt; fetch data &gt; JS fetch.js &gt; ...

```

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>${formetmoney(wealth)}</strong>`;
72     main.appendChild(wealthEl);
73 }
74
75
76
77 //update Dom
78 function updateDOM (providedData = data){
79     //clear main dive
80     main.innerHTML = '<h2><strong>person</strong>wealth</h2>';
81
82     providedData.forEach(item => {
83         const element = document.createElement('div');
84         element.classList.add('person');
85         element.innerHTML = `<strong>${item.name}</strong>${formetmoney(item.money)}</strong>`;
86         main.appendChild(element);
87     });
88 }
89
90
91
92 //formet number as a money
93 function formetmoney(number){
94
95     return `$` + number.toFixed(2).replace(/\d(?=(\d{3})+\.)/g, '$&thinsp;');
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);
104 calculatewealthBtn.addEventListener('click', calculatewealth);

```

learn &gt; internship demo &gt; fetch data &gt; JS fetch.js &gt; ...

```

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 //fetch random 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 //double 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

🔍

☆

⚙️

★

🖱️

👤

⋮

Add User

double money

show only millionaires

sort by richest

calculate Entire wealth

DOM Array Methods

person	wealth
Ayşe Uluhan	\$1,177,598.00
Matteo Boyer	\$941,526.00
Tiago Hubert	\$1,533,840.00
Silje Hansen	\$614,230.00
یلدا رضاییان	\$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

```

1 :root {
2   --color-white: #ffffff;
3   --color-block: #202020;
4   --color-glass: rgba(255, 255, 255, 0.05);
5   --color-shadow: 0 0 25px rgba(0, 0, 0, 0.5);
6 }
7
8 * {
9   padding: 0;
10  margin: 0;
11  box-sizing: border-box;
12  font-family: "Poppins", sans-serif;
13  color: var(--color-white);
14 }
15
16 body{
17   background-color: black;
18 }
19
20 .wrapper {
21   position: absolute;
22   transform: translate(-50%, -50%);
23   top: 50%;
24   left: 50%;
25   font-size: 16px;
26 }
27
28 .heading {
29   text-align: center;
30   margin-bottom: 4em;
31 }
32
33 .heading h1 {
34   text-shadow: var(--color-shadow);
35   font-size: 6.2em;
36   font-weight: 800;
37   letter-spacing: 0.15em;
38 }
39
40 .heading h3 {
41   font-size: 1.6em;

```

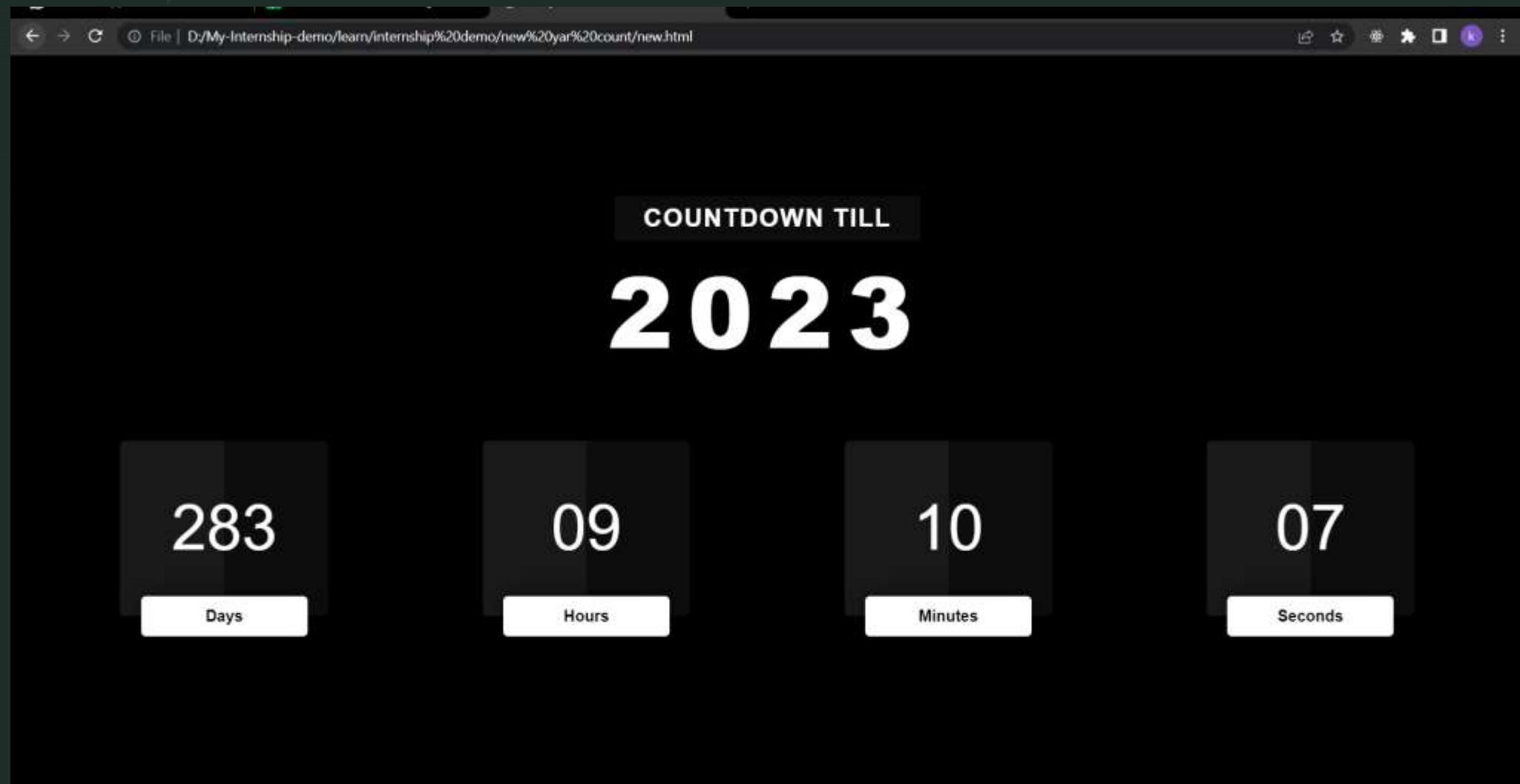
```

... dataa.html dashboard.html timer.html age.css
learn > internship demo > new yar count > new.html > html > head
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <link rel="stylesheet" href="../new yar count/new.css">
6
7   <title>new yar countdown </title>
8 </head>
9
10 <body>
11   <div class="wrapper">
12     <div class="heading">
13       <h3>Countdown Till</h3>
14       <h1>2023</h1>
15     </div>
16     <div class="countdown">
17       <div class="box">
18         <span class="num" id="day-box">00</span>
19         <span class="text">Days</span>
20       </div>
21       <div class="box">
22         <span class="num" id="hr-box">00</span>
23         <span class="text">Hours</span>
24       </div>
25       <div class="box">
26         <span class="num" id="min-box">00</span>
27         <span class="text">Minutes</span>
28       </div>
29       <div class="box">
30         <span class="num" id="sec-box">00</span>
31         <span class="text">Seconds</span>
32       </div>
33     </div>
34   </div>
35   <script src="../new yar count/new.js"></script>
36 </body>
37
38 </html>

```

learn &gt; internship demo &gt; new yar count &gt; JS new.js &gt; [0] endDate

```
1 let dayBox = document.getElementById("day-box");
2 let hrBox = document.getElementById("hr-box");
3 let minBox = document.getElementById("min-box");
4 let secBox = document.getElementById("sec-box");
5 let endDate = new Date(2024, 0, 1, 00, 00);
6 let endTime = endDate.getTime();
7
8 function countdown(){
9 let todayDate = new Date();
10 let todayTime = todayDate.getTime();
11 let remainingTime = endTime - todayTime;
12 let oneMin = 60 * 1000;
13 let oneHr = 60 * oneMin;
14 let oneDay = 24 * oneHr;
15
16 let addZeroes = (num) => (num < 10 ? `0${num}` : num);
17
18 if (endTime < todayTime) {
19     clearInterval(i);
20     document.querySelector(
21         ".countdown"
22     ).innerHTML = `<h1>Countdown Has Expired</h1>`;
23 }else{
24     let daysLeft = Math.floor(remainingTime / oneDay);
25     let hrsLeft = Math.floor((remainingTime % oneDay) / oneHr);
26     let minsLeft = Math.floor((remainingTime % oneHr) / oneMin);
27     let secsLeft = Math.floor((remainingTime % oneMin) / 1000);
28     dayBox.textContent = addZeroes(daysLeft);
29     hrBox.textContent = addZeroes(hrsLeft);
30     minBox.textContent = addZeroes(minsLeft);
31     secBox.textContent = addZeroes(secsLeft);
32 }
33 }
34 let i = setInterval(countdown, 1000);
35 countdown();
```



using HTML,JAVASCRIPT

▼ create demo DOM  
scrin recoder



```
dataa.html dashboard.html timer.html age.
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=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>recoding</title>
8 </head>
9 <body>
10
11 <video class="video" width="600px" controls></video>
12 <button class="record-btn">record</button>
13
14
15
16 <script src="../recoding/recode.js"></script>
17 </body>
18 </html>
```

```
Terminal Help recode.js - My Internship-demo - Visual Studio Code
dataa.html dashboard.html timer.html age.css note.html recode.js timer.css
learn > internship demo > recoding > recode.js > btn.addEventListener("click") callback
1 let btn = document.querySelector(".record-btn")
2 btn.addEventListener("click", async function () {
3   let stream = await navigator.mediaDevices.getDisplayMedia({
4     video: true
5   })
6   const mime = MediaRecorder.isTypeSupported("video/webm; codecs=vp9")
7   ? "video/webm; codecs=vp9"
8   : "video/webm"
9   let mediaRecorder = new MediaRecorder(stream, {
10     mimeType: mime
11   })
12   let chunks = []
13   mediaRecorder.addEventListener('dataavailable', function(e) {
14     chunks.push(e.data)
15   })
16   mediaRecorder.addEventListener('stop', function(){
17     let blob = new Blob(chunks, {
18       type: chunks[e].type
19     })
20     let url = URL.createObjectURL(blob)
21     let video = document.querySelector("video")
22     video.src = url
23     let a = document.createElement('a')
24     a.href = url
25     a.download = 'video.webm'
26     a.click()
27   })
28   mediaRecorder.start()
29 })
```

BH-Timesheet-2023 ☆ ⓘ

File Edit View Insert Format Data Tools Extensions Help

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create demo DOM sort/reorder using HTML, JAVASCRIPT

	A	B	C	D	E	F	G	H	I	J	K
43		Impediments			Working Hours						
44		Project	Description	Status							
45	Self Learning	revision of array, arraysort, arrayiteration, array, const, date methods	Done	▼	8						
46											
47		Date	18/03/2023								
48		Impediments			Working Hours						
49		Project	Description	Status							
50	Self Learning	create demo DOM array model with sorting, searching, filtering, using API, HTML, CSS, JAVASCRIPT	Done	▼	8						
51											
52		Date	18/03/2023								
53		Impediments			Working Hours						
54		Project	Description	Status							
55	Self Learning	create demo DOM: year counter HTML, CSS, JAVASCRIPT	Done	▼	8						
56											
57		Date	17/03/2023								
58		Impediments			Working Hours						
59		Project	Description	Status							
60	Self Learning	create demo DOM: select/reorder using HTML, JAVASCRIPT	Done	▼	8						
61											
62		Date	20/03/2023								
63		Impediments			Working Hours						
64		Project	Description	Status							
65	Self Learning	create demo DOM: reorder using HTML, JAVASCRIPT	Done	▼	8						
66											
67		Date	21/03/2023								
68		Impediments			Working Hours						
69		Project	Description	Status							
70											

0:00

record

using HTML,JAVASCRIPT

▼ create demo  
DOM color picker

File Edit Selection View Go Run Terminal Help Color Picker.js - My-Internship-demo - Visual

EXPLORER

- MY-INTERNSHIP...
  - calculator.html
  - card
    - \_836825b8-b871-440...
    - \_card.css
    - \_card.html
    - 836825b8-b871-4403...
    - card.css
    - card.html
  - dock
    - dock.css
    - dock.html
    - dock.js
  - Color Picker
    - Color Picker.css
    - Color Picker.html
    - Color Picker.js
  - dashboard
    - css
    - dashboard.html
  - employe
    - \_DS\_Store
    - \_Dashboard.html
    - \_download.png
    - \_employeeDetails.json
    - \_employeeTimesheet....
    - Dashboard.html
    - download.png
    - employeeDetails.json
    - employeeTimesheet.js...
    - Script.js

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

```
1 const imgInput = document.querySelector('#img-select')
2 const imgPreview = document.querySelector('.preview')
3 if (!window.EyeDropper){
4     alert("your browser does not suport")
5 }
6 const eyeDropper = new EyeDropper()
7 const pickerBtn = document.querySelector('.open-picker')
8 const result = document.querySelector('.res')
9 imgInput.addEventListener('change', function(){
10     const file = this.files[0]
11     if(!file) return
12     const reader = new FileReader()
13     reader.addEventListener('load', function() {
14         imgPreview.src = this.result
15     })
16     reader.readAsDataURL(file)
17 })
18 pickerBtn.addEventListener('click', function() {
19     eyeDropper.open()
20     .then(res => {
21         result.innerHTML = `Picked Color: <b>${res.sRGBHex}</b>` //css c
22     })
23 })
24
```

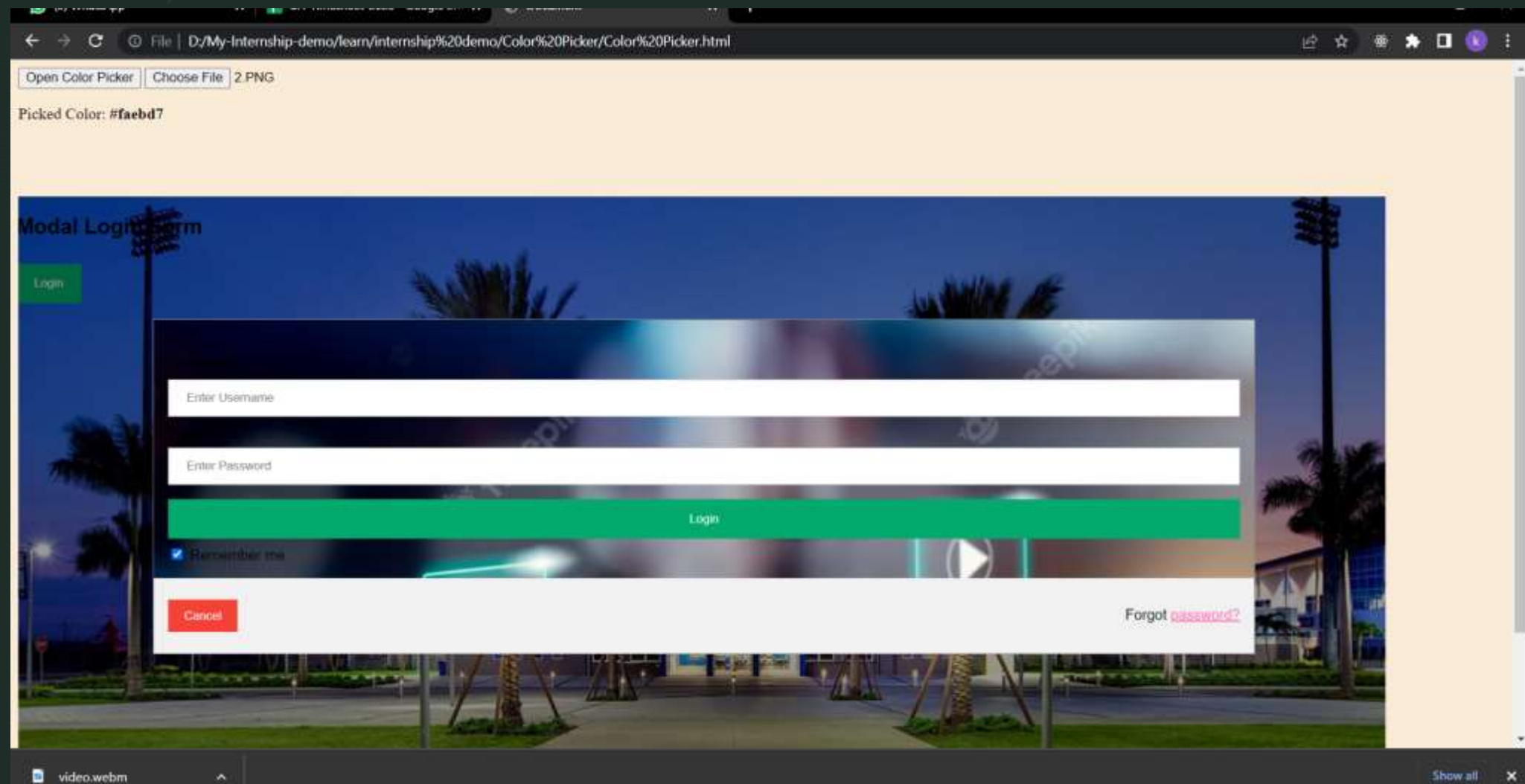
File Edit Selection View Go Run Terminal Help Color Picker.html - My-Internship-demo - Visual

EXPLORER

- MY-INTERNSHIP...
  - calculator.html
  - card
    - \_836825b8-b871-440...
    - \_card.css
    - \_card.html
    - 836825b8-b871-4403...
    - card.css
    - card.html
  - dock
    - dock.css
    - dock.html
    - dock.js
  - Color Picker
    - Color Picker.css
    - Color Picker.html
    - Color Picker.js
  - dashboard
    - css
    - dashboard.html
  - employe
    - \_DS\_Store
    - \_Dashboard.html
    - \_download.png
    - \_employeeDetails.json
    - \_employeeTimesheet....
    - Dashboard.html
    - download.png
    - employeeDetails.json
    - employeeTimesheet.js...
    - Script.js

dataa.html dashboard.html timer.html age.css

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <link rel="stylesheet" href="../Color Picker/Color
5     <title>Document</title>
6 </head>
7 <body>
8     <button class="open-picker">Open Color Picker</but
9     <input type="file" id="img-select">
10     <p class="res"></p>
11     </scr
13 </body>
14 </html>
```



using HTML,JAVASCRIPT

- ▼ create demo DOM progress bar with setup and increment operators



```
View Go Run Terminal Help Progress.js - My-Internship-demo - Visual Studio Code

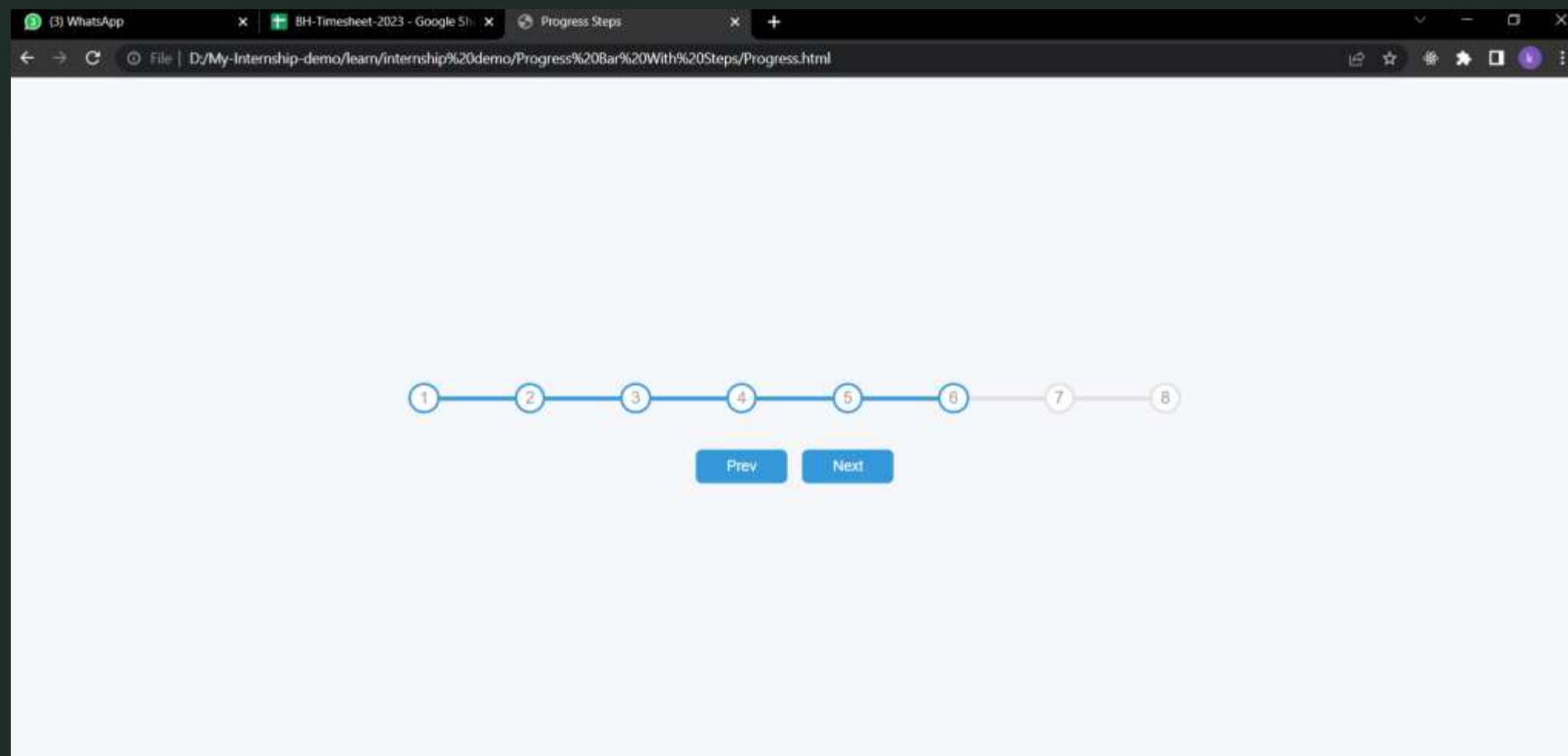
dataa.html dashboard.html timer.html age.css note.html Progress.js x

learn > internship demo > Progress Bar With Steps > Progress.js > ...
1 const progress = document.getElementById('progress')
2 // console.log(progress);
3 const prev = document.getElementById('prev')
4 // console.log(prev);
5 const next = document.getElementById('next')
6 // console.log(next);
7 const circles = document.querySelectorAll('.circle')
8 // console.log(circles);
9 let currentActive = 1
10 next.addEventListener('click', () => {
11     currentActive++
12     if (currentActive > circles.length) {
13         currentActive = circles.length
14     }
15     update()
16     // console.log(currentActive);
17 })
18 prev.addEventListener('click', () => {
19     currentActive--
20     if (currentActive < 1) {
21         currentActive = 1
22     }
23     update()
24 })
25 function update() {
26     circles.forEach((circle, idx) => {
27         if (idx < currentActive) {
28             circle.classList.add('active')
29         } else {
30             circle.classList.remove('active')
31         }
32     })
33     const actives = document.querySelectorAll('.active')
34     progress.style.width = (actives.length - 1) / (circles.length - 1) * 100 + '%'
35     if (currentActive === 1) {
36         prev.disabled = true
37     } else if (currentActive === circles.length) {
38         next.disabled = true
39     }
40 }
```

```
Help Progress.html - My-Internship-demo - Visual Studio Code

dashboard.html timer.html age.css note.html Progress.html x timer.css

My-Internship-demo > Progress Bar With Steps > Progress.html > ...
<!DOCTYPE html>
<html lang="en">
<head>
<link rel="stylesheet" href="../../Progress Bar With Steps/Progress.css">
</head>
<title>Progress Steps</title>
<body>
<div class="container">
    <div class="progress-container">
        <div class="progress" id="progress"></div>
        <div class="circle active">1</div>
        <div class="circle">2</div>
        <div class="circle">3</div>
        <div class="circle">4</div>
        <div class="circle">5</div>
        <div class="circle">6</div>
        <div class="circle">7</div>
        <div class="circle">8</div>
    </div>
    <button class="btn" id="prev" disabled>Prev</button>
    <button class="btn" id="next">Next</button>
</div>
<script src="../../Progress Bar With Steps/Progress.js"></script>
</body>
</html>
```





using HTML,JAVASCRIPT

▼ create demo DOM  
age calculeter



## Age Calculator

Date

Month

Year

Submit

Your Age is 22 Years 0 Months 6 Days



Thank you

