

SHRI MANEKLAL M.PATEL INSTITUTE OF SCIENCE & RESEARCH

M.SC(INFORMATION TECHNOLOGY)

SEM-4

PROJECT REPORT: **PROJECT BASE**

COMPANY NAME :CEREBULB PVT.LTD

LANGUAGE : **PHP**

STUDENT NAME: **Zalak S Patel**

ENROLLMENT NO: **21MSCIT22023**

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TASKS:- Create login form, navbar and footer USING HTML AND CSS

```
</div>
</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">
      <img alt="Avatar" />
    </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');
      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;
    }
  </style>
```

[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?](#)

Create todo app using HTML CSS

```
learn > 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

k

My To Do List

sss

Add

Hit the gym

✓ ~~Pay bills~~

Meet George

Buy eggs

Read a book

Organize office

Create calculator using HTML CSS

```
calculator.html X
learn > internship demo > calculator > calculator.html > html > 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>
```




create demo calculator using Javascript

```
> 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
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.toStri
21  }
22
23  chooseOperation(operation){
24    if(this.previousOperand==='' && this.currentOperand==='') return
25    if(this.operation!=='' && this.previousOperand!=='' && this.curren
26      this.operation = operation;
27      return;
28    }
29    if(this.operation!=='' && this.previousOperand!=='' && this.curren
30      if(this.operation==='*' || this.operation==='÷'){
31        this.previousOperand= (this.previousOperand * -1);
32        return;
33      }
34    }
35    if(this.previousOperand!=='' && this.currentOperand!==''){
36      this.compute();
37    }
38  }
```

AC		DEL	/
1	2	3	*
4	5	6	-
7	8	9	+
.	0	=	

create demo timer using HTML,CSS,JS

```
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.html
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       00:00:00:000
11     </div>
12     <div class="buttons">
13       <button id="pauseTimer">Pause</button>
14       <button id="startTimer">Start</button>
15       <button id="resetTimer">Reset</button>
16     </div>
17   </div>
18
19   <script src="../timer/timer.js"></script>
20 </body>
21 </html>
22
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', ()
6     if(currentInterval!==null){
7         clearInterval(currentInterval);
8     }
9     currentInterval = setInterval(displayTimer,10);
10 });
11
12 document.getElementById('pauseTimer').addEventListener('click', ()
13     clearInterval(currentInterval);
14 });
15
16 document.getElementById('resetTimer').addEventListener('click', ()
17     clearInterval(currentInterval);
18     [milliseconds,seconds,minutes,hours] = [0,0,0,0];
19     timerRef.innerHTML = '00 : 00 : 00 : 000 ';
20 });
21
22 function displayTimer(){
23     milliseconds+=10;
24     if(milliseconds == 1000){
25         milliseconds = 0;
26         seconds++;
27         if(seconds == 60){
28             seconds = 0;
29             minutes++;
30             if(minutes == 60){
31                 minutes = 0;
32                 hours++;
33             }
34         }
35     }
36 }
37
38 let h = hours < 10 ? "0" + hours : hours;
39 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

create demo tasks clock using javascript

```
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    </div>
11
12   <script src="../clock.js"></script>
13
14 </body>
15 </html>
```

learn > internship demo > clock > JS clock.js > 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



create demo navbar using HTML,CSS

```
eam > internship demo > reflectivedemo > ref.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <link rel="stylesheet" href="../reflectivedemo/ref.css">
5   <title>Document</title>
6 </head>
7 <body>
8   <nav class="menu">
9
10    <input type="radio" name="nav-item" id="m-home" checked<label for="m-home">Home &#128517;</label>
11    <input type="radio" name="nav-item" id="m-search"><label for="m-search">Search &#128512;</label>
12    <input type="radio" name="nav-item" id="m-notification"><label for="m-notification">Motification &#128525;</label>
13    <input type="radio" name="nav-item" id="m-favorites"><label for="m-favorites">Favorites &#128515;</label>
14    <input type="radio" name="nav-item" id="m-profile"><label for="m-profile">Profile &#128512;</label>
15
16    <div class="selector"></div>
17  </nav>
18
19  <script src="../reflectivedemo/ref.js"></script>
20
21 </body>
22 </html>
```

```
eam > internship demo > reflectivedemo > ref.css > root
1 * :root {
2   --icon: #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 30px;
22  background: #ffffff;
23  align-items: end;
24  width: 600px;
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 2px 0px #000000;
38 }
```



```

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

```

```

dataa.html dashboard.html timer.html age.css ref.css
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   )
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     left: 25px;

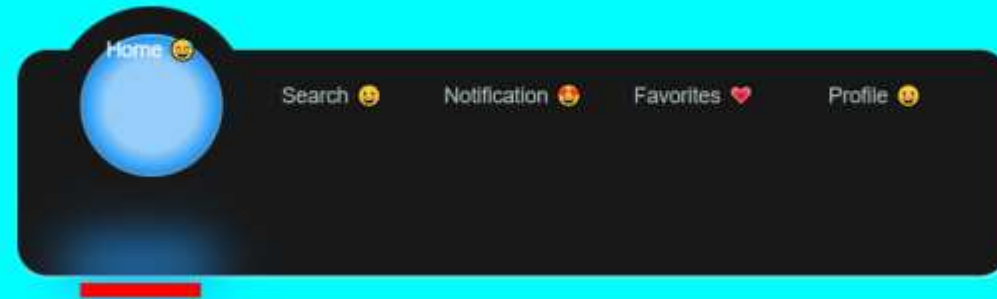
```

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

```
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
```

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

```
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
```



create demo DOM array model with sorting searching filtering
using API, HTML,CSS,JAVASCRIPT

```
dataa.html  dashboard.html  timer.html  age.css  note.l
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: 20px;
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/fatch.css">
8
9    <title>DOM Array Methods</title>
10 </head>
11 <body>
12   <ht>DOM Array Methods</ht>
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   <script src="../fetch data/fatch.js"></script>
27 </body>
28 </html>
```

```
dataa.html dashboard.html timer.html age.css note.html
learn > internship demo > fetch data > fetch.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-millionaire');
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
```

```
dataa.html dashboard.html timer.html age.css note.html
learn > internship demo > fetch data > fetch.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-millionaire');
5  const sortBtn = document.getElementById('sort');
6  const calculatewealthBtn = document.getElementById('calculate-wealth');
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22     name: `${User.name.first} ${User.name.last}`,
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25
26   // console.log(newUser);
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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
```


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**

create demo DOM age calculeter using HTML,JAVASCRIPT

```
1 function age() {
2     var d1 = document.getElementById("date").value;
3     var m1 = document.getElementById("month").value;
4     var y1 = document.getElementById("year").value;
5
6     var date = new Date();
7     var d2 = date.getDate();
8     var m2 = 1 + date.getMonth();
9     var y2 = date.getFullYear();
10    var month = [31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31];
11    if (d1 > d2) {
12        d2 = d2 + month[m2 - 1];
13        m2 = m2 - 1;
14    }
15    if (m1 > m2) {
16        m2 = m2 + 12;
17        y2 = y2 - 1;
18    }
19    var d = d1 - d2;
20    var m = m1 - m2;
21    var y = y1 - y2;
22    document.getElementById("age").innerHTML =
23        "Your Age is " + y + " Years " + m + " Months " + d + " Days";
24 }
25 }
```

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Age Calculator</title>
5     <meta charset="UTF-8">
6     <script src="age.js"></script>
7 </head>
8 <body>
9     <div class="container">
10         <div class="base">
11             <div class="header">
12                 <h2>Age Calculator</h2>
13             </div>
14             <div class="form">
15                 <input type="text" name="date" id="date" placeholder="dd" required="required" maxlength="2" />
16                 </div>
17                 <div class="form">
18                     <input type="text" name="month" id="month" placeholder="mm" required="required" maxlength="2" />
19                 </div>
20                 <div class="form">
21                     <input type="text" name="year" id="year" placeholder="yyyy" required="required" maxlength="4" />
22                 </div>
23             </div>
24             <div class="button">
25                 <input type="button" name="submit" value="Submit" onclick="age()" />
26             </div>
27             <div class="result">
28                 <div id="age"></div>
29             </div>
30         </div>
31     </div>
32 </body>
33 </html>
```

Age Calculator

Date

Month

Year

Submit

Your Age is 22 Years 0 Months 6 Days

Thank you