

```
index.html x app.js
Web_1 > index.html
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>Web_01</title>
8 </head>
9 <body>
10
11 </body>
12 <script src = "app.js" type="text/javascript"></script>
13 </html>
```

```
index.html app.js x
Web_1 > app.js > ...
1 var col_1;
2 var col_2;
3 var col_3;
4
5 col_1 = prompt("Mời bạn nhập tên cột: ");
6 col_2 = prompt("Mời bạn nhập tên cột: ");
7 col_3 = prompt("Mời bạn nhập tên cột: ");
8
9
10
11 document.write("<table width='50%' border='1' cellpadding='0' cellspacing='0'>");
12 document.write("<td colspan='3' align='center'> Danh sách sinh viên </td>");
13 document.write("<tr>");
14   document.write("<td>");
15     document.write(col_1);
16   document.write("</td>");
17
18   document.write("<td>");
19     document.write(col_2);
20   document.write("</td>");
21
22   document.write("<td>");
23     document.write(col_3);
24   document.write("</td>");
25 document.write("</tr>");
26
27 document.write("<tr>");
28   document.write("<td>");
29     document.write("</td>");
30
31   document.write("<td>");
32     document.write("</td>");
33
34   document.write("<td>");
35     document.write("</td>");
36 document.write("</tr>");
37
38 document.write("</table>");
```

ex.html

127.0.0.1:5500 says

Mời bạn nhập tên cột:

OK Cancel

html

127.0.0.1:5500 says

Mời bạn nhập tên cột:

OK Cancel

dex.html

127.0.0.1:5500 says

Mời bạn nhập tên cột:

OK Cancel

← → ↻ 🏠 ⓘ 127.0.0.1:5500/Web_1/index.html

Danh sách sinh viên		
MSSV	Họ & Tên	Lớp

```
index.html X style.css app.js
Web_2 > index.html > ...
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>Web_02</title>
8 <link rel="stylesheet" href="style.css" type="text/css">
9 </head>
10 <body>
11 <form action="" method="get" name="frmtable">
12 <table>
13 <tr class="bigtr">
14 <th>STT</th>
15 <th>Tên hàng</th>
16 <th>Số lượng</th>
17 <th>Mua</th>
18 <th>Đơn giá</th>
19 <th>Chọn mua</th>
20 </tr>
21 <tr>
22 <td>1</td>
23 <td>CPU</td>
24 <td>10</td>
25 <td><input name="numBuy1" type="number" value="numBuy1" placeholder="0" /></td>
26 <td>100</td>
27 <td><input name="cbBuy1" type="checkbox" value="cbBuy1" onchange="check1()" /></td>
28 </tr>
29 <tr>
30 <td>2</td>
31 <td>RAM</td>
32 <td>10</td>
33 <td><input name="numBuy2" type="number" value="numBuy2" placeholder="0" /></td>
34 <td>50</td>
35 <td><input name="cbBuy2" type="checkbox" value="cbBuy2" onchange="check2()" /></td>
36 </tr>
37 <tr>
38 <td>3</td>
39 <td>HDD</td>
40 <td>10</td>
41 <td><input name="numBuy3" type="number" value="numBuy3" placeholder="0" /></td>
42 <td>80</td>
43 <td><input name="cbBuy3" type="checkbox" value="cbBuy3" onchange="check3()" /></td>
44 </tr>
45 <tr>
46 <td></td>
47 <td>
48 <input name="btnOK" type="button" value="OK" onclick="OK()" />
49 </td>
50 <td colspan="3" align="right">Tổng:<input name="sumBuy" type="number" value="sumBuy" /></td>
51 <td><input name="cbVAT" type="checkbox" value="cbVAT" onchange="checkVAT()" /> VAT</td>
52 </tr>
53 </table>
54 </form>
55 </div>
56 </body>
57 <script src="app.js"></script>
58 </html>
```

```
index.html style.css X app.js
Web_2 > style.css > *
1  *{
2      padding: 0;
3      margin: 0;
4      box-sizing: border-box;
5  }
6
7  body{
8      height: 100vh;
9      font-family: Arial, Helvetica, sans-serif;
10     text-align: center;
11 }
12
13 table{
14     margin: 10px auto;
15 }
16
17 th, td{
18     padding: 10px;
19     margin: 10px;
20 }
21
22 table, th, td {
23     border: 1px solid black;
24     border-collapse: collapse;
25 }
```

```
app.js x index.html style.css
Web_2 > app.js > check1
1 function check1(){
2     var numBuy1 = document.frmtable.numBuy1.value;
3
4     if(numBuy1 > 10){
5         alert("Quá số lượng sản phẩm !");
6     }
7 }
8 function check2(){
9     var numBuy2 = document.frmtable.numBuy2.value;
10
11     if(numBuy2 > 10){
12         alert("Quá số lượng sản phẩm !");
13     }
14 }
15 function check3(){
16     var numBuy3 = document.frmtable.numBuy3.value;
17
18     if(numBuy3 > 10){
19         alert("Quá số lượng sản phẩm !");
20     }
21 }
22
23 function OK(){
24     var numBuy1 = document.frmtable.numBuy1.value;
25     var numBuy2 = document.frmtable.numBuy2.value;
26     var numBuy3 = document.frmtable.numBuy3.value;
27
28     s = numBuy1*100 + numBuy2*50 + numBuy3*80;
29     result = eval(s)
30
31     document.frmtable.sumBuy.value = result;
32 }
33
34 function checkVAT(){
35     var numBuy1 = document.frmtable.numBuy1.value;
36     var numBuy2 = document.frmtable.numBuy2.value;
37     var numBuy3 = document.frmtable.numBuy3.value;
38
39
40     s = (numBuy1*100 + numBuy2*50 + numBuy3*80)*0.1 + (numBuy1*100 + numBuy2*50 + numBuy3*80);
41     result = eval(s)
42
43     document.frmtable.sumBuy.value = result;
44 }
```

STT	Tên hàng	Số lượng	Mua	Đơn giá	Chọn mua
1	CPU	10	<input type="text" value="0"/>	100	<input type="checkbox"/>
2	RAM	10	<input type="text" value="0"/>	50	<input type="checkbox"/>
3	HDD	10	<input type="text" value="0"/>	80	<input type="checkbox"/>
	<input type="button" value="OK"/>	Tổng: <input type="text" value=""/>			<input type="checkbox"/> VAT

STT	Tên hàng	Số lượng	Mua	Đơn giá	Chọn mua
1	CPU	10	<input type="text" value="1"/>	100	<input checked="" type="checkbox"/>
2	RAM	10	<input type="text" value="1"/>	50	<input checked="" type="checkbox"/>
3	HDD	10	<input type="text" value="1"/>	80	<input checked="" type="checkbox"/>
	<input type="button" value="OK"/>	Tổng: <input type="text" value="253"/>			<input checked="" type="checkbox"/> VAT

STT	Tên hàng	Số lượng	Mua	Đơn giá	Chọn mua
1	CPU	10	<input type="text" value="1"/>	100	<input checked="" type="checkbox"/>
2	RAM	10	<input type="text" value="1"/>	50	<input type="checkbox"/>
3	HDD	10	<input type="text" value="1"/>	80	<input type="checkbox"/>
	<input type="button" value="OK"/>	Tổng: <input type="text" value="1330"/>			<input type="checkbox"/> VAT

127.0.0.1:5500 says

Quá số lượng sản phẩm !

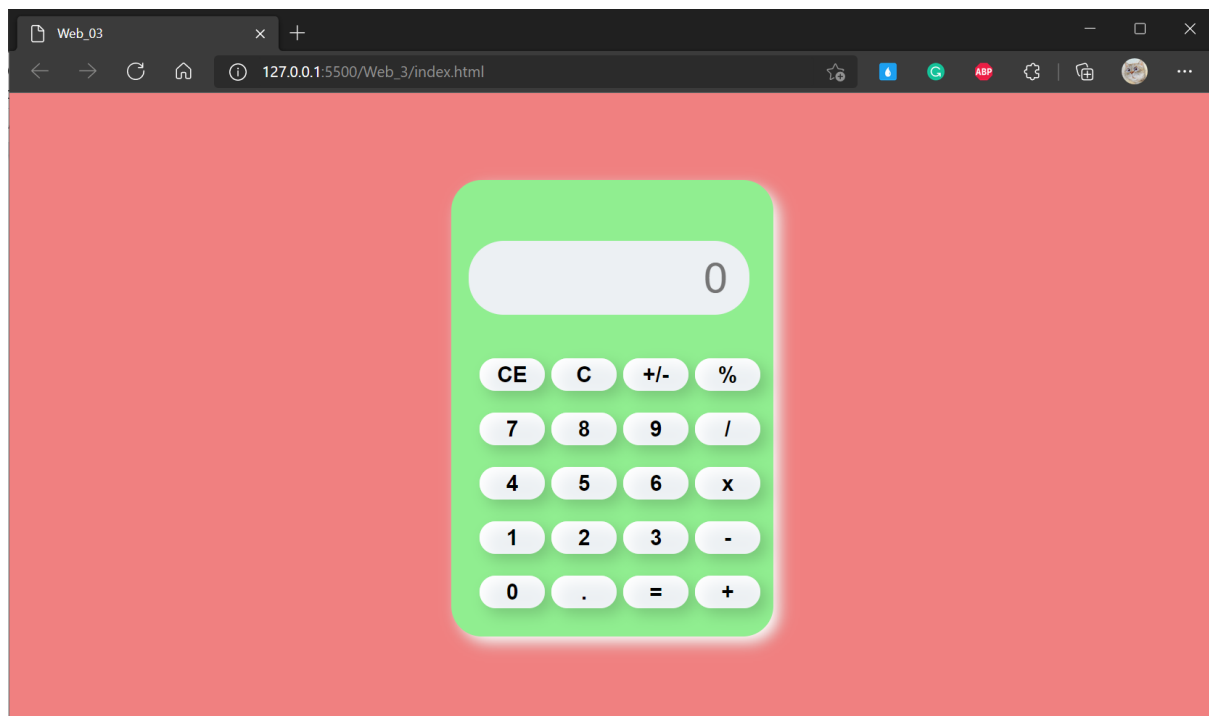
OK

```
index.html X style.css app3.js
Web_3 > index.html > ...
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>Web_03</title>
8   <link rel="stylesheet" href="style.css" type="text/css">
9 </head>
10 <body>
11   <div class="content">
12     <div class="cal">
13       <input type="text" id="input" placeholder="0">
14       <button onclick="del()">CE</button>
15       <button onclick="clr()">C</button>
16       <button onclick="calculate('+')">+/-</button>
17       <button onclick="calculate('%')">%</button>
18       <button onclick="calculate('7')">7</button>
19       <button onclick="calculate('8')">8</button>
20       <button onclick="calculate('9')">9</button>
21       <button onclick="calculate('/')">/</button>
22       <button onclick="calculate('4')">4</button>
23       <button onclick="calculate('5')">5</button>
24       <button onclick="calculate('6')">6</button>
25       <button onclick="calculate('x')">x</button>
26       <button onclick="calculate('1')">1</button>
27       <button onclick="calculate('2')">2</button>
28       <button onclick="calculate('3')">3</button>
29       <button onclick="calculate('-')">-</button>
30       <button onclick="calculate('0')">0</button>
31       <button onclick="calculate('.')">.</button>
32       <button onclick="Result()">=</button>
33       <button onclick="calculate('+')">+</button>
34       <script src="app3.js" type="text/javascript"></script>
35     </div>
36   </div>
37 </body>
38 </html>
```

```
index.html style.css x app3.js
Web_3 > style.css > *
1  *{
2      padding: 0;
3      margin: 0;
4      box-sizing: border-box;
5  }
6
7  body{
8      background-color: #ecf0f3;
9      outline: none;
10     font-family: sans-serif;
11 }
12
13 .content{
14     height: 100vh;
15     display: flex;
16     align-items: center;
17     justify-content: center;
18     background: lightcoral;
19 }
20
21 .cal{
22     box-shadow: 6px 6px 13px #fff,
23               6px 6px 13px rgba(0,0,0,.16);
24     border-radius: 28px;
25     padding: 16px;
26     display: grid;
27     grid-template-columns: repeat(4,66px);
28     background-color: lightgreen;
29 }
30
31 input{
32     grid-column: span 4;
33     height: 68px;
34     width: 258px;
35     box-shadow: inset -6px -6px -13px #fff,
36               inset 6px 6px 13px rgba(0,0,0,.16);
37     background-color: #ecf0f3;
38     border: none;
39     border-radius: 32px;
40     color: rgb(26,25,25);
41     text-align: end;
42     margin: 40px 0 30px 0;
43     padding: 20px;
44     font-size: 40px;
45 }
46
47 button{
48     box-shadow: inset 6px 6px 13px #fff,
49               6px 6px 13px rgba(0,0,0,.16);
50     background-color: #ecf0f3;
51     border: none;
52     border-radius: 32px;
53     width: 60px;
54     height: 30px;
55     margin: 10px;
56     font-weight: bold;
57     font-size: 20px;
58 }
59 }
```



```
index.html style.css app3.js x
Web_3 > app3.js > ...
1 let result=document.getElementById("input");
2
3 function calculate(number) {
4     result.value += number;
5 }
6
7 let Result=()=>{
8     try{
9         result.value=eval(result.value);
10    }
11    catch(err){
12        alert("Enter the valid Input");
13    }
14 }
15
16 function clr() {
17     result.value=" ";
18 }
19
20 function del() {
21     result.value=result.value.slice(0, -1);
22 }
```



```
app.js index.html x style.css
Web_4 > index.html > ...
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>Web_04</title>
8   <link rel="stylesheet" href="style.css" type="text/css">
9 </head>
10 <body>
11   <div class="clock_analog">
12     <div class="hand hour" data-hour-hand></div>
13     <div class="hand minute" data-minute-hand></div>
14     <div class="hand second" data-second-hand></div>
15     <div class="number number1">I</div>
16     <div class="number number2">II</div>
17     <div class="number number3">III</div>
18     <div class="number number4">IV</div>
19     <div class="number number5">V</div>
20     <div class="number number6">VI</div>
21     <div class="number number7">VII</div>
22     <div class="number number8">VIII</div>
23     <div class="number number9">IX</div>
24     <div class="number number10">X</div>
25     <div class="number number11">XI</div>
26     <div class="number number12">XII</div>
27
28
29   <div class="clock_digital">
30     <span class="time"></span>
31     <span class="ampm"></span>
32   </div>
33 </div>
34
35
36 </body>
37 <script src="app.js" type="text/javascript"></script>
38 </html>
```

```
app.js index.html style.css x
Web_4 > style.css > *
1  *{
2    padding: 0;
3    margin: 0;
4    box-sizing: border-box;
5  }
6
7  body {
8    background: linear-gradient(to right, #3e5151, #decba4);
9    display: flex;
10   justify-content: center;
11   align-items: center;
12   min-height: 100vh;
13   overflow: hidden;
14 }
15
16 .clock_analog{
17   width: 300px;
18   height: 300px;
19   background-color: rgba(255, 255, 255, 0.8);
20   border-radius: 50%;
21   border: 2px solid #000;
22   position: relative;
23 }
24
25 .clock_analog .number {
26   --rotation: 0;
27   position: absolute;
28   width: 100%;
29   height: 100%;
30   text-align: center;
31   transform: rotate(var(--rotation));
32   font-size: 1.5em;
33 }
34
```

```
app.js index.html style.css x
Web_4 > style.css > *
33 }
34
35 .clock_analog .number1 { --rotation: 30deg; }
36 .clock_analog .number2 { --rotation: 60deg; }
37 .clock_analog .number3 { --rotation: 90deg; }
38 .clock_analog .number4 { --rotation: 120deg; }
39 .clock_analog .number5 { --rotation: 150deg; }
40 .clock_analog .number6 { --rotation: 180deg; }
41 .clock_analog .number7 { --rotation: 210deg; }
42 .clock_analog .number8 { --rotation: 240deg; }
43 .clock_analog .number9 { --rotation: 270deg; }
44 .clock_analog .number10 { --rotation: 300deg; }
45 .clock_analog .number11 { --rotation: 330deg; }
46
47 .clock_analog .hand {
48     --rotation: 0;
49     position: absolute;
50     bottom: 50%;
51     left: 50%;
52     border: 1px solid white;
53     border-top-left-radius: 10px;
54     border-top-right-radius: 10px;
55     transform-origin: bottom;
56     z-index: 10;
57     transform: translateX(-50%) rotate(calc(var(--rotation) * 1deg));
58 }
59
60 .clock_analog::after {
61     content: '';
62     position: absolute;
63     background-color: black;
64     z-index: 11;
65     width: 15px;
66     height: 15px;
67     top: 50%;
68     left: 50%;
69     transform: translate(-50%, -50%);
70     border-radius: 50%;
71 }
72
73 .clock_analog .hand.second {
74     width: 3px;
75     height: 45%;
76     background-color: red;
77 }
78
79 .clock_analog .hand.minute {
80     width: 7px;
81     height: 40%;
82     background-color: black;
83 }
84
85 .clock_analog .hand.hour {
86     width: 10px;
87     height: 35%;
88     background-color: black;
89 }
90
```

```

84
85  ✓ .clock_analog .hand.hour {
86    width: 10px;
87    height: 35%;
88    background-color: black;
89  }
90
91
92  ✓ .clock_digital {
93    background-color: lightcoral;
94    width: 150px;
95    padding: 10px;
96    text-align: center;
97    border-radius: 10px;
98    position: absolute;
99    top: 60%;
100   right: 25%;
101   left: 25%;
102  }
103
104
105  .time,
106  ✓ .ampm {
107    font-family: Arial, Helvetica, sans-serif;
108    font-size: 30px;
109    color: black;
110  }
111
112  ✓ .clock-time {
113    font-size: 48px;
114  }
115

```

```

Web_4 > app.js > ...
1  setInterval(setClock, 1000)
2
3  const hourHand = document.querySelector('[data-hour-hand]')
4  const minuteHand = document.querySelector('[data-minute-hand]')
5  const secondHand = document.querySelector('[data-second-hand]')
6
7  function setClock() {
8    const currentDate = new Date()
9    const secondsRatio = currentDate.getSeconds() / 60
10   const minutesRatio = (secondsRatio + currentDate.getMinutes()) / 60
11   const hoursRatio = (minutesRatio + currentDate.getHours()) / 12
12   setRotation(secondHand, secondsRatio)
13   setRotation(minuteHand, minutesRatio)
14   setRotation(hourHand, hoursRatio)
15  }
16
17  function setRotation(element, rotationRatio) {
18    element.style.setProperty('--rotation', rotationRatio * 360)
19  }
20
21  setClock()
22

```

```

23
24 class DigitalClock {
25   constructor(element) {
26     this.element = element;
27   }
28
29   start() {
30     this.update();
31
32     setInterval(() => {
33       this.update();
34     }, 500);
35   }
36
37   update() {
38     const parts = this.getTimeParts();
39     const minuteFormatted = parts.minute.toString().padStart(2, "0");
40     const timeFormatted = `${parts.hour}:${minuteFormatted}`;
41     const amPm = parts.isAm ? "AM" : "PM";
42
43     this.element.querySelector(".time").textContent = timeFormatted;
44     this.element.querySelector(".ampm").textContent = amPm;
45   }
46
47   getTimeParts() {
48     const now = new Date();
49
50     return {
51       hour: now.getHours() % 12 || 12,
52       minute: now.getMinutes(),
53       isAm: now.getHours() < 12
54     };
55   }
56 }
57
58 const clockElement = document.querySelector(".clock_digital");
59 const clockObject = new DigitalClock(clockElement);
60
61 clockObject.start();

```

