

## SCS2208 RAPID APPLICATION DEVELOPMENT

### LAB SHEET - BASIC JS

### PART II

**GitHub:**

[https://github.com/virajSandakelum/Javascript\\_2.git](https://github.com/virajSandakelum/Javascript_2.git)

**Q1.**

**index.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">
  <script defer src="./main.js"></script>
  <link rel="stylesheet" href="./style.css">
  <title>Question1</title>
</head>
<body>
  <form class="form-part" action="">
    <div class="name-part">
      <label for="">Name:</label><br>
      <input type="text" id="name" placeholder="Insert a name..">
    </div>

    <div class="hometown-part">
      <label for="Hometown">Hometown:</label><br>
      <input type="text" id="hometown" name="Hometown"
placeholder="Insert home town..">
    </div>

    <div class="click-btn">
```

```
        <button class="btn-alert" id="clickbtn">Click</button>
    </div>
</form>

</body>
</html>
```

### main.js

```
const name = document.getElementById("name");
const hometown = document.getElementById("hometown");
const button = document.getElementById("clickbtn");

button.addEventListener("click", function(){
    alert("Name:"+name.value+"\n"+"Hometown:"+hometown.value);
})
```

### style.css

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-size: 20px;
}

.form-part
{
    margin: 0;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
}
```

```
.name-part
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.hometown-part
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.click-btn
{
  width: 100%;
  height: 50px;
  padding: 10px;
  margin-bottom: 10px;
}

.form-part
{
  background: #f2f2f2;
  border-radius: 5px;
  border: 1px solid #ccc;
  padding: 10px;
  margin-bottom: 10px;
}
```

```
}  
  
button  
{  
  background-color: rgb(8, 180, 28);  
  width: 120px;  
  height: 35px;  
  border: none;  
  border-radius: 5px;  
  color: #fff;  
}  
  
input  
{  
  width: 100%;  
  border-radius: 4px;  
  border: 1px solid #ccc;  
  height: 30px;  
  padding: 10px;  
}  
  
.form-part > div  
{  
  margin-bottom: 25px;  
}
```

Q2.

### index.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">

  <link rel="stylesheet" href="./style.css">
  <title>Question2</title>
</head>
<body>
  <div class="time-body">
    <div class="time-part">
      <h3 id="current-time"></h3>
    </div>
    <div class="remains-time">
      <button id="remainTime"></button>
    </div>
  </div>
  <script src="./main.js"></script>
</body>
</html>
```

### main.js

```
var today = new Date();
var hour = today.getHours();
var minute = today.getMinutes();

var PMorAM = function()
```

```
{
    if (hour > 12)
    {
        return "PM";
    }
    else
    {
        return "AM";
    }
}

var hour = (hour > 12) ? hour - 12 : hour;

const text = document.getElementById("current-time");
text.innerHTML = "Now the time is "+hour + ":" + minute + " " + PMorAM();

var remininHour = 24 - today.getHours();
var remininMinute = 60 - today.getMinutes();

const button = document.getElementById("remainTime");
button.innerHTML = "Remains "+remininHour+" hours and "+remininMinute+"
minutes";
```

### style.css

```
{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body
{
    position: absolute;
    left: 50%;
```

```
    top: 50%;
    transform: translate(-50%, -50%);
}

.time-body > div
{
    margin-top: 20px;
}

.time-body
{
    background-color: rgb(192, 189, 189);
    padding: 10px;
}

button
{
    background-color: rgb(13, 185, 13);
    padding: 10px;
    border: none;
    border-radius: 6px;
}
```

### Q3.

#### index.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">
  <script defer src="./main.js"></script>
  <link rel="stylesheet" href="./style.css">
  <title>Question3</title>
</head>
<body>
  <form class="form-part" action="">
    <div class="name-part">
      <label for="name">Name:</label><br>
      <input type="text" name="name" id="name" placeholder="Insert a
name..">
    </div>

    <div class="hometown-part">
      <label for="birthday">Birthday:</label><br>
      <input type="text" id="birthday" name="birthday"
placeholder="Insert birthday(1999/08/06)">
    </div>

    <div class="click-btn">
      <button class="btn-alert" id="clickbtn">Click</button>
    </div>
  </form>
</body>
</html>
```



## main.js

```
const name = document.getElementById('name');
const birthday = document.getElementById('birthday');
const clickbtn = document.getElementById('clickbtn');

var today = new Date();
var year = today.getFullYear();
var month = today.getMonth()+1;
var day = today.getDate();

var age = function()
{
    var birth = birthday.value;
    var birth_year = birth.substring(0,4);
    var birth_month = birth.substring(5,7);
    var birth_day = birth.substring(8,10);
    var age = year - birth_year;
    if(birth_month > month)
    {
        age--;
    }
    else if(birth_month == month)
    {
        if(birth_day > day)
        {
            age--;
        }
    }
    return age;
}

clickbtn.addEventListener('click', function()
{
```

```
    alert(age() + " years old.");  
});
```

## style.css

```
*{  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;  
    font-size: 20px;  
}  
  
.form-part  
{  
    margin: 0;  
    position: absolute;  
    top: 50%;  
    left: 50%;  
    transform: translate(-50%, -50%);  
}  
  
.name-part  
{  
    width: 100%;  
    height: 50px;  
    background: #f2f2f2;  
    border-radius: 5px;  
    padding: 10px;  
    margin-bottom: 10px;  
}  
  
.hometown-part  
{  
    width: 100%;
```

```
    height: 50px;
    background: #f2f2f2;
    border-radius: 5px;
    padding: 10px;
    margin-bottom: 10px;
}

.click-btn
{
    width: 100%;
    height: 50px;
    padding: 10px;
    margin-bottom: 10px;
}

.form-part
{
    background: #f2f2f2;
    border-radius: 5px;
    border: 1px solid #ccc;
    padding: 10px;
    margin-bottom: 10px;
}

button
{
    background-color: rgb(8, 180, 28);
    width: 120px;
    height: 35px;
    border: none;
    border-radius: 5px;
    color: #fff;
}

input
{
```

```
width: 100%;  
border-radius: 4px;  
border: 1px solid #ccc;  
height: 30px;  
padding: 10px;  
}  
  
.form-part > div  
{  
  margin-bottom: 25px;  
}
```

Q4.

### index.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">
  <script defer src="./main.js"></script>
  <link rel="stylesheet" href="./style.css">
  <title>Question4</title>
</head>
<body>
  <div class="part1">
    <label for="width">Width:</label><br>
    <input type="text" id="width" placeholder="Insert a width..">
  </div>

  <div class="part2">
    <label for="height">Height:</label><br>
    <input type="text" id="height" name="height" placeholder="Insert a
height..">
  </div>

  <div class="click-btn">
    <button class="btn-alert" id="clickbtn">Find Area</button>
    <label for="" id="areaDisplay"></label>
  </div>

</body>
</html>
```

## main.js

```
const width = document.getElementById('width');
const height = document.getElementById('height');
const clickbtn = document.getElementById('clickbtn');
const areaDisplay = document.getElementById('areaDisplay');

clickbtn.addEventListener("click",function(){
    let area = width.value * height.value;
    areaDisplay.innerHTML = "Area of the rectangle is " + area + "cm2";
})
```

## style.css

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-size: 20px;
}

body
{
    margin: 0;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    background: #f2f2f2;
    border-radius: 5px;
    border: 1px solid #ccc;
    padding: 10px;
    margin-bottom: 10px;
}
```

```
.part1
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.part2
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.click-btn
{
  width: 100%;
  height: 50px;
  padding: 10px;
  margin-bottom: 10px;
}

button
{
  background-color: rgb(8, 180, 28);
  width: 120px;
  height: 35px;
  border: none;
  border-radius: 5px;
```

```
    color: #fff;
  }

input
{
  width: 100%;
  border-radius: 4px;
  border: 1px solid #ccc;
  height: 30px;
  padding: 10px;
}

body > div
{
  margin-bottom: 25px;
}
```



Q5.

### index.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">
  <script defer src="./main.js" ></script>
  <link rel="stylesheet" href="./style.css">
  <title>Question5</title>
</head>
<body>
  <div class="header">
    <h4>Free trial</h4>
  </div>

  <div class="body">
    <ul>
      <li>help you to design</li>
      <li>provide security</li>
      <li>manage your plans</li>
    </ul>
  </div>

  <div class="footer">
    <button id="tryBtn">Try it now</button>
  </div>
</body>
</html>
```

### main.js

```
const button = document.getElementById("tryBtn");

button.addEventListener("click",function()
{
    button.style.backgroundColor = "blue";
})
```

Q6.

### index.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">
    <script defer src="./main.js"></script>
    <link rel="stylesheet" href="./style.css">
    <title>Question6</title>
</head>
<body>

    <div class="part1">
        <label for="number">Insert the number:</label><br>
        <input type="text" id="number" >
    </div>

    <div class="click-btn">
        <button class="btn-alert" id="clickbtn">Find root</button>
    </div>

</body>
</html>
```

## main.js

```
const number = document.getElementById('number');
const button = document.getElementById('clickbtn');

button.addEventListener("click",function()
{
    alert("Root of the number is: " + number.value*number.value);
})
```

## style.css

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-size: 20px;
}

body
{
    margin: 0;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    background: #f2f2f2;
    border-radius: 5px;
    border: 1px solid #ccc;
    padding: 10px;
    margin-bottom: 10px;
}
```

```
.part1
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.click-btn
{
  width: 100%;
  height: 50px;
  padding: 10px;
  margin-bottom: 10px;
}

button
{
  background-color: rgb(8, 180, 28);
  width: 120px;
  height: 35px;
  border: none;
  border-radius: 5px;
  color: #fff;
}

input
{
  width: 100%;
  border-radius: 4px;
  border: 1px solid #ccc;
  height: 30px;
  padding: 10px;
}
```

```
}  
  
body > div  
{  
    margin-bottom: 25px;  
}
```

**Q7.**

### index.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">  
    <script defer src="./main.js" ></script>  
    <link rel="stylesheet" href="./style.css">  
    <title>Question7</title>  
</head>  
<body>  
    <h3 >Available Hotel Package</h3>  
  
    <div class="Package1">  
        <input type="checkbox" name="weedingPackage" id="weedingPackage">  
        <label for="weedingPackage" id="weedingPackage">Weeding  
Package</label>  
    </div>  
    <br>  
    <div class="Package2">  
        <input type="checkbox" name="birthdayPackage" id="birthdayPackage">  
        <label for="birthdayPackage" id="birthdayPackage">Birthday  
Package</label>  
    </div>
```

```
<br>
<div class="package3">
  <input type="checkbox" name="normalFunctionPackage"
id="normalFunctionPackage">
  <label for="normalFunctionPackage" id="normalFunctionPackage">Normal
Function Package</>
</div>
<br>
<div class="package4">
  <input type="checkbox" name="dayoutPackage" id="dayoutPackage">
  <label for="dayoutPackage" id="dayoutPackage">Day out Package</>
</div>
<br>
<button name="submit" id="submit">Submit</button>

</body>
</html>
```

### main.js

```
const weedingPackage = document.getElementById("weedingPackage");
const birthdayPackage = document.getElementById("birthdayPackage");
const normalFunctionPackage =
document.getElementById("normalFunctionPackage");
const dayoutPackage = document.getElementById("dayoutPackage");
let submit = document.getElementById('submit');

weedingPackage.addEventListener('click',function()
{
  if(weedingPackage.checked == true)
  {
    birthdayPackage.disabled = true;
    normalFunctionPackage.disabled = true;
    dayoutPackage.disabled = true;
```

```
}
else
{
    birthdayPackage.disabled = false;
    normalFunctionPackage.disabled = false;
    dayoutPackage.disabled = false;
}

}))

birthdayPackage.addEventListener('click',function()
{
    if(birthdayPackage.checked == true)
    {
        weedingPackage.disabled = true;
        normalFunctionPackage.disabled = true;
        dayoutPackage.disabled = true;
    }
    else
    {
        weedingPackage.disabled = false;
        normalFunctionPackage.disabled = false;
        dayoutPackage.disabled = false;
    }
}))

normalFunctionPackage.addEventListener('click',function()
{
    if(normalFunctionPackage.checked == true)
    {
        weedingPackage.disabled = true;
        birthdayPackage.disabled = true;
        dayoutPackage.disabled = true;
    }
    else
    {
        weedingPackage.disabled = false;
```

```
        birthdayPackage.disabled = false;
        dayoutPackage.disabled = false;
    }
}))

dayoutPackage.addEventListener('click',function()
{
    if(dayoutPackage.checked == true)
    {
        weedingPackage.disabled = true;
        birthdayPackage.disabled = true;
        normalFunctionPackage.disabled = true;
    }
    else
    {
        weedingPackage.disabled = false;
        birthdayPackage.disabled = false;
        normalFunctionPackage.disabled = false;
    }
}))
```

## style.css

```
*
{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body
{
    position: absolute;
```



```
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    border: 2px solid #000;
    padding: 20px;
}

button
{
    width: 80%;
    height: 35px;
    margin-top: 6px;
    border-radius: 5px;
    background-color: gray;
    color: white;
}

h3
{
    margin-top: 1px;
    margin-bottom: 25px;
}
```

Q8.

### index.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">
  <script defer src="./main.js" ></script>
  <link rel="stylesheet" href="./style.css">
  <title>Question8</title>
</head>
<body>
  <label for="amount">insert the amount:</label><br>
  <input type="text" name="amount" id="amount"><br>

  <label for="" id="percentage"></label><br>
  <label for="" id="total"></label><br>
</body>
</html>
```

### main.js

```
const amount = document.getElementById("amount");
const percentage = document.getElementById("percentage");
const total = document.getElementById("total");

amount.addEventListener("mouseout", function()
{
  percentage.innerHTML = "20% of value:"+amount.value*0.2;
```

```
total.innerHTML =  
"Total:"+amount.value+"="+amount.value*0.2+"="+Number(amount.value)+Number(am  
ount.value*0.2);  
})
```

Q9.

### index.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">  
  <script defer src="./main.js"></script>  
  <link rel="stylesheet" href="./style.css">  
  <title>Question9</title>  
</head>  
<body>  
  
  <div class="part1">  
    <label for="subject">Subject:</label>  
    <input type="text" id="subject" name="subject">  
  </div>  
  
  <div class="part2">  
    <label for="marks">Marks:</label>  
    <input type="number" id="marks" name="marks" >  
  </div>  
  
  <div class="click-btn">  
    <button class="btn-alert" id="clickbtn">Results</button><br>  
    <label for="" id="resultMsg"></label>  
  </div>  
</body>
```

```
</html>
```

## main.js

```
const subject = document.getElementById('subject');
const marks = document.getElementById('marks');
const btn = document.getElementById('clickbtn');
const resultMsg = document.getElementById('resultMsg');

btn.addEventListener('click', function(){
    if(subject.value == '' || marks.value == ''){
        resultMsg.innerHTML = 'Please fill all the fields';
    }else{
        resultMsg.innerHTML = 'Your result is ' +
(marks.value/subject.value)*100 + '%';
    }

    if(marks.value >= 75 && marks.value <= 100){
        resultMsg.innerHTML = 'Your result is A';
    }
    else if(marks.value >= 65 && marks.value <= 74){
        resultMsg.innerHTML = 'Your result is B';
    }
    else if(marks.value >= 50 && marks.value <= 64){
        resultMsg.innerHTML = 'Your result is C';
    }
    else if(marks.value >= 0 && marks.value <= 49){
        resultMsg.innerHTML = 'You have to work hard for '+subject.value+'
subject...';
    }
    else{
        resultMsg.innerHTML = 'Please enter valid marks';
    }
});
```

## style.css

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-size: 20px;
}

body
{
  margin: 0;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  background: #f2f2f2;
  border-radius: 5px;
  border: 1px solid #ccc;
  padding: 10px;
  margin-bottom: 10px;
}

.part1
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.part2
```

```
{
  width: 100%;
  height: 50px;
  background: #f2f2f2;
  border-radius: 5px;
  padding: 10px;
  margin-bottom: 10px;
}

.click-btn
{
  width: 100%;
  height: 50px;
  padding: 10px;
  margin-bottom: 10px;
}

button
{
  background-color: rgb(227, 18, 255);
  width: 120px;
  height: 35px;
  border: none;
  border-radius: 5px;
  color: #fff;
}

input
{
  width: 100%;
  border-radius: 4px;
  border: 1px solid #ccc;
  height: 30px;
  padding: 10px;
}
```

```
body> div
{
    margin-bottom: 25px;
}
```

Q10.

### index.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">
    <script defer src="./main.js" ></script>
    <link rel="stylesheet" href="./style.css">
    <title>Question10</title>
</head>
<body>

    <div class="calculator">
        <div class="display">
            <label for="" id="display"></label>
        </div>
        <div class="operator">
            <button class="operator-button" id="addition"
onlick="operatorInsert('+')">+</button>
            <button class="operator-button" id="subtraction"
onlick="operatorInsert('-')">-</button>
            <button class="operator-button" id="multiplication"
onlick="operatorInsert('*')"><span>✖️</span></button>
            <button class="operator-button" id="division"
onlick="operatorInsert('/')">÷</button>
        </div>
        <div class="number789">
```

```
        <button class="number-button" id="7"
onclick="numInsert(7)">7</button>
        <button class="number-button" id="8"
onclick="numInsert(8)">8</button>
        <button class="number-button" id="9"
onclick="numInsert(9)">9</button>
    </div>
    <div class="number456">
        <button class="number-button" id="4"
onclick="numInsert(4)">4</button>
        <button class="number-button" id="5"
onclick="numInsert(5)">5</button>
        <button class="number-button" id="6"
onclick="numInsert(6)">6</button>
    </div>
    <div class="number123">
        <button class="number-button" id="1"
onclick="numInsert(1)">1</button>
        <button class="number-button" id="2"
onclick="numInsert(2)">2</button>
        <button class="number-button" id="3"
onclick="numInsert(3)">3</button>
    </div>
    <div class="div6">
        <button class="number-button" id="0"
onclick="numInsert(0)">0</button>
        <button class="number-button" id="point"
onclick="numInsert('.')">.</button>
        <button class="number-button" id="AC"
onclick="clearDisplay()">AC</button>
    </div>

    <div class="eqaul-sign">
        <button class="" id="equal">=</button>
    </div>
</div>
```



```
<label for="" id="label"></label>

</body>
</html>
```

## main.js

```
const equal = document.getElementById('equal');
const display = document.getElementById('display');

var number = 0;
var number1 = 0;
var number2 = 0;

function numInsert(num)
{
    display.innerHTML += num;
}

function operatorInsert(operator)
{
    display.innerHTML += operator;
}

function clearDisplay()
{
    display.innerHTML = "";
}

equal.addEventListener('click', function()
{
    number = display.textContent;
    for (let i = 0; i < number.length; i++) {
```

```
    if(number[i] == '+')
    {
        number1 = number.slice(0,i);
        number2 = number.slice(i+1,number.length);
        display.innerHTML = Number(number1)+Number(number2);
    }
    else if(number[i] == '-')
    {
        number1 = number.slice(0,i);
        number2 = number.slice(i+1,number.length);
        display.innerHTML = Number(number1)-Number(number2);
    }
    else if(number[i] == '*')
    {
        number1 = number.slice(0,i);
        number2 = number.slice(i+1,number.length);
        display.innerHTML = Number(number1)*Number(number2);
    }
    else if(number[i] == '/')
    {
        number1 = number.slice(0,i);
        number2 = number.slice(i+1,number.length);
        display.innerHTML = Number(number1)/Number(number2);
    }
}
});
```

## style.css

```
*{
    padding: 0;
    margin: 0;
```

```
    box-sizing: border-box;
}

body
{
    font-family: 'Roboto', sans-serif;
    font-size: 14px;
    position: absolute;
    left: 50%;
    top: 50%;
    transform: translate(-50%, -50%);
    overflow: hidden;
}

.calculator {
    display: grid;
    background: #0bb4c0;
    grid-template-columns: repeat(4, 1fr);
    grid-template-rows: repeat(6, 1fr);
    grid-column-gap: 0px;
    grid-row-gap: 0px;
    padding: 20px;
    border-radius: 20px;
}

.display { grid-area: 1 / 1 / 2 / 5; }
.operator { grid-area: 2 / 1 / 3 / 5; }
.number789 { grid-area: 3 / 1 / 4 / 4; }
.number456 { grid-area: 4 / 1 / 5 / 4; }
.number123 { grid-area: 5 / 1 / 6 / 4; }
.div6 { grid-area: 6 / 1 / 7 / 4; }
.eqaul-sign { grid-area: 3 / 4 / 7 / 5; }

.display
{
    border-radius: 5px;
    border: 2px solid black;
}
```

```
padding: 10px;
font-size: 30px;
font-weight: bold;
text-align: right;
color: #000;
margin-bottom: 10px;
}

.operator
{
    border-radius: 5px;
padding: 13px;
font-size: 30px;
font-weight: bold;
text-align: center;
color: #000;
margin-bottom: 10px;
display: flex;
justify-content: space-between;
}

.number123
{
    border-radius: 5px;
padding: 10px;
font-size: 30px;
font-weight: bold;
text-align: center;
color: #000;
margin-bottom: 10px;
display: flex;
justify-content: space-between;
}

.number456
{
    border-radius: 5px;
```

```
padding: 10px;
font-size: 30px;
font-weight: bold;
text-align: center;
color: #000;
display: flex;
justify-content: space-between;
margin-bottom: 10px;
}

.number789
{
    border-radius: 5px;
padding: 10px;
font-size: 30px;
font-weight: bold;
text-align: center;
color: #000;
margin-bottom: 10px;
display: flex;
justify-content: space-between;
}

.div6
{
    border-radius: 5px;
padding: 10px;
font-size: 30px;
font-weight: bold;
text-align: center;
color: #000;
margin-bottom: 10px;
display: flex;
justify-content: space-between;
}

.eqaul-sign
```

```
{
  border-radius: 5px;
  border: 2px solid black;
  background-color: rgba(252, 139, 98, 0.976);
  padding: 10px;
  font-size: 30px;
  font-weight: bold;
  text-align: center;
  color: #000;
  margin-bottom: 100px;
  height: 95%;
  width: 90%;
}

.eqaul-sign > button{
  width: 100%;
  height: 100%;
  border: none;
  background: none;
  font-size: 30px;
  font-weight: bold;
  cursor: pointer;
}

button
{
  border-radius: 5px;
  padding: 15px;
  font-size: 30px;
  font-weight: bold;
  color: #000;
  margin-bottom: 10px;
  margin: 0 6px;
}

.number-button:hover {
```

```
background-color: red;
}

.number-button:focus {
  background-color: rgba(54, 230, 23, 0.644);
}

.operator-button:hover {
  background-color: red;
}

.operator-button:focus {
  background-color: rgba(54, 230, 23, 0.644);
}
```

\*\*\*\*\*