<!DOCTYPE html>

<html>

<head>

<title>Practice Image</title>

<link rel="stylesheet" href="./index.css">

</head>

<body>

<section>

<h1>Building block of Coding</h1>

</section>

<section>

<h4>HTML, CSS, Javascript are those building blocks</h4>

</section>

<section>

<div>

</div>

</section>

</body>

</html>

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<head>

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<section>

<h1>Building block of Coding</h1>

</section>

<section>

<h3>HTML, CSS, Javascript are those building blocks</h3>

</section>

<section class="images-container">

<div class="main-contain">

<div class="image-box">

<div class="main-image image-1"></div>

<div class="small-image">1</div>

</div>

<h4>This is the Title</h4>

<p>

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut

labore

et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea

rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum

dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore

</p>

</div>

<div class="main-contain">

<div class="image-box">

<div class="main-image image-2"></div>

<div class="small-image">2</div>

</div>

<h4>This is the Title</h4>

<p>

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut

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</p>

</div>

<div class="main-contain">

<div class="image-box">

<div class="main-image image-3"></div>

<div class="small-image">3</div>

</div>

<h4>This is the Title</h4>

<p>

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</p>

</div>

</section>

</body>

</html>

**CSS**

\*{

box-sizing: border-box;

font-family: sans-serif;

}

body{

background-image: linear-gradient(141deg, #9fb8ad 0%, #1fc8db 51%, #2cb5e8 75%);

padding: 30px;

padding-top: 0px;

max-width: 900px;

margin: auto;

}

h1 {

color: gold;

text-align: center;

font-size: 40px;

}

h3{

color: white;

text-align: center;

}

section.images-container {

display: flex;

justify-content: space-between;

flex-wrap: wrap;

}

.main-contain {

width: 220px;

color: white;

}

.main-image {

width: 200px;

height: 200px;

background: white;

border-radius: 100px;

background-size: 160px;

background-repeat: no-repeat;

background-position: center;

}

.image-1{

background-image: url("https://www.w3.org/html/logo/downloads/HTML5\_1Color\_Black.svg");

}

.image-2{

background-size: 208px;

background-image: url("https://fuzati.com/wp-content/uploads/2016/12/CSS-Logo.png");

}

.image-3{

background-image: url("https://i1.wp.com/theicom.org/wp-content/uploads/2016/03/js-logo.png?fit=500%2C500&ssl=1");

}

.small-image {

position: absolute;

height: 50px;

width: 50px;

background: black;

text-align: center;

padding: 8px;

border-radius: 50px;

font-size: 31px;

top: 175px;

left: 75px;

}

.image-box {

position: relative;

margin-bottom: 45px;

}

h4 {

font-size: 20px;

color: gold;

}

**Call Back**

const numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20,30,40,50];

//arrays

//map

// function map (arr) {

// const answer = [];

// for(let i = 0; i < arr.length; i++){

// answer.push(arr[i] + 2);

// }

// return answer;

// }

const plusTwo = numbers.map((e, i, a)=>{

// console.log(e)

// console.log(i)

return e > 10;

});

console.log(plusTwo)

**Arguments**

const lessThanTen = numbers.filter((e, i, a)=>{

return e + 2 > 10

});

**For Each**

let arr = [];

numbers.forEach((e, i, a)=> {

arr.push(e + 2);

})

console.log(arr);

**For Each**

const people = [

{name:'josh', age:26},

{name:'lauren', age:22},

{name:'eli', age:1},

{name:'Dan', age:25},

]

const newPeople = [];

for(let i = 0; i< people.length; i++){

people[i].ageIn10Years = people[i].age + 10

newPeople.push(people[i]);

}

console.log(newPeople)

const newPeopleTwo = [];

people.forEach((e, i)=>{

e.ageIn10Years = e.age + 10;

newPeopleTwo.push(e);

})

console.log(newPeopleTwo)

**Reduce Function**

const reducedValue = numbers.reduce((val, e, i, a)=>{

if(e > 10){

val.push(e)

}

return val

}, [])

console.log(reducedValue)

**Reduce**

https://www.w3schools.com/jsref/jsref\_obj\_array.asp

w3schools.com

JavaScript Array Reference

Well organized and easy to understand Web building tutorials with lots of examples of how to use HTML, CSS, JavaScript, SQL, PHP, Python, Bootstrap, Java and XML.

```const totalOfNumberGreaterThan10 = numbers.filter((e)=>{

return e > 10;

}).reduce((sum, e)=>{

sum+=e;

return sum

})```

**For Let**

for(let x in people){

console.log(people[x])

}

**.map – Higher Functions**

console.log(Object.keys(people).map((e, i, a)=>{

return people[e]

}))