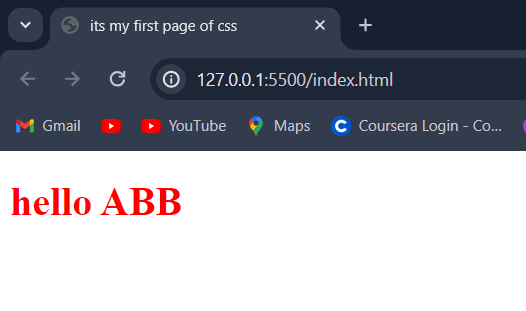
CSS: cascading style sheet

**Inline:**

        <h2 style="color:red" >hello ABB</h2>



<!DOCTYPE html>

<html>

    <head>

        <title>

            its my first page of css

        </title>

        <link  rel="stylesheet" href="style.css">

       <!--- <style>

            <p> hey what are dpoing </p>

            <h1 style="color:red" >hello ABB</h1>

        </style>-->

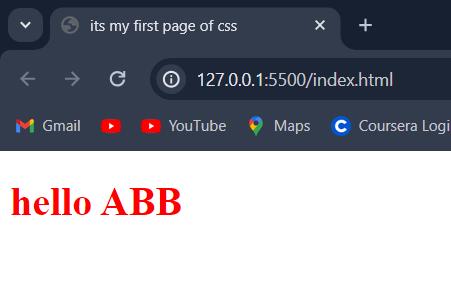
    </head>

    <boy>

        <h1 style="color:red" >hello ABB</h1>

    </body>

</html>



<!DOCTYPE html>

<html>

    <head>

        <title>

            its my first page of css

        </title>

        <link  rel="stylesheet" href="style.css">

    </head>

    <boy>

        <!--<h1 style="color:red" >hello ABB</h1>-->

       <style>

            <p> hey what are dpoing </p>

        </style>

    </body>

</html>

<!DOCTYPE html>

<html>

    <head>

        <title>

            its my first page of css

        </title>

        <link  rel="stylesheet" href="style.css">

    </head>

    <boy>

        <!--<h1 style="color:red" >hello ABB</h1>-->

       <style>

           h1{

            color:"red";

           }

        </style>

    </body>

</html>

**External:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

</body>

</html>

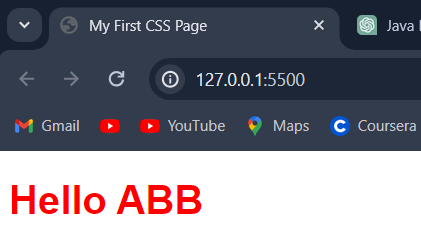
/\* style.css \*/

h1 {

    color: red;

    font-family: Arial, sans-serif;

}

****

**Priority:**

<!DOCTYPE html>

<html>

    <head>

        <title>

            its my first page of css

        </title>

        <link  rel="stylesheet" href="style.css">

    </head>

    <boy>

        <h1 style="color:red" >hello ABB</h1>

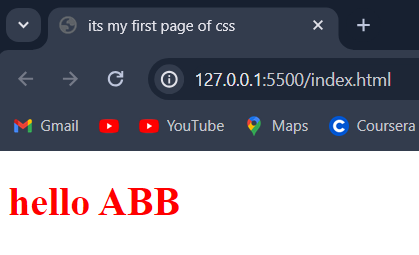
    </body>

</html>

h1{

    color:aqua;

}



**Inline has priority**

**color property:**

**foreground:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

h1 {

    color: red;

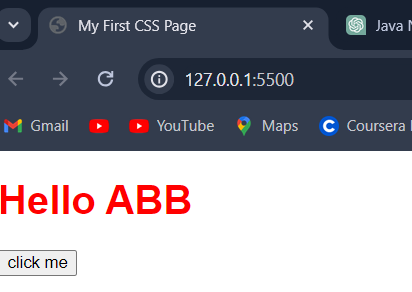
    font-family: Arial, sans-serif;

}

button{

    color:"blue";

}



**Background color property:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

h1 {

    color: red;

    font-family: Arial, sans-serif;

}

button{

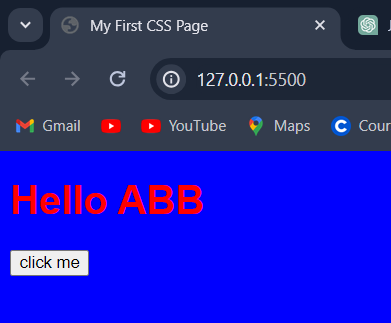
    background-color:"yellow";

}

body{

    background-color:blue;

}

****

**Color System:**

**RGB**

**HEXADECIMAL**

**1.RGB=red green blue;**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

h1 {

    color: rgb(0,0,255);

    font-family: Arial, sans-serif;

}

button{

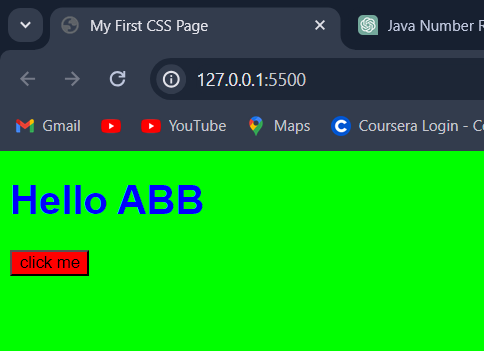
    background-color:rgb(255,0,0);

}

body{

    background-color:rgb(0,255,0);

}

****

**2.HEXADECIMAL:  
color:#ff0000;**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

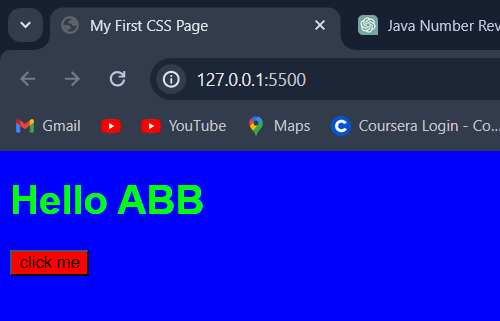
    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

****

**Selectors:**

**Universal \*{}:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

\*{

    color:aquamarine;

}

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

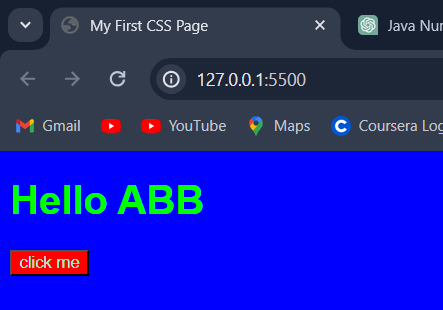
    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

****

**Element selector:**

**h{**

**color:green**

**}**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

</body>

</html>

/\* style.css \*/

\*{

    color:aquamarine;

}

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

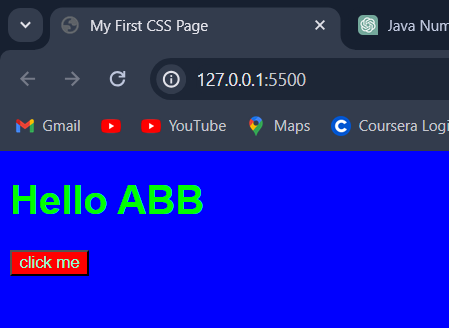
    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

****

**Id selector**

  <h3 id="h31">hey buddy</h3>

#h31{

    color:yellow;

}

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

    <h3 id="h31">hey buddy</h3>

</body>

</html>

}

/\* style.css \*/

\*{

    color:aquamarine;

}

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

    background-color:#ff0000;

}

body{

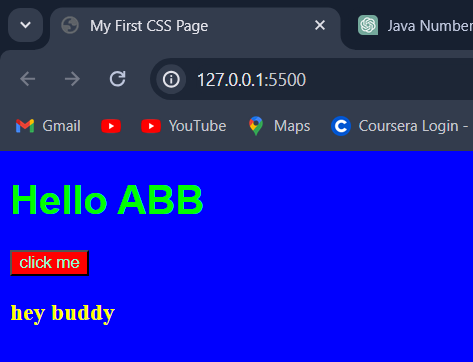
    background-color:#0000ff;

}

#h31{

    color:yellow;

}

****

**Class selector:**

.class{

    color:pink;

}

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

    <h3 id="h31">hey buddy</h3>

    <div>

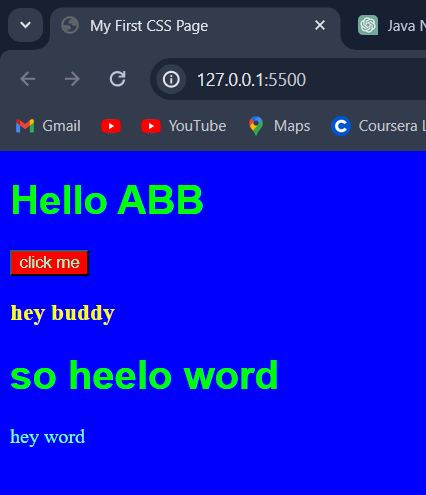
        <h1 class="myclass">so heelo word</h1>

        <p class="myclass"> hey word</p>

    </div>

</body>

</html>

****

**TEXT PROPERTIES:  
1.text-align:**

p{

    text-align:right;

}

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

    <h3 id="h31">hey buddy</h3>

    <div>

        <h1 class="myclass">so heelo word</h1>

        <p class="myclass"> hey word</p>

        <br>

        <p>"Hi, my name is Sarah. I'm currently working as a software engineer at XYZ Tech Solutions, where I specialize in front-end development using React. With over 3 years of experience in the tech industry, I've had the opportunity to work on several high-impact projects that have improved user experience and increased engagement. I'm passionate about leveraging technology to solve complex problems and am always eager to learn about the latest advancements in the field. I'm excited to be here today and look forward to connecting with like-minded professionals."

        </p>

    </div>

</body>

</html>

/\* style.css \*/

\*{

    color:aquamarine;

}

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

#h31{

    color:yellow;

}

.class{

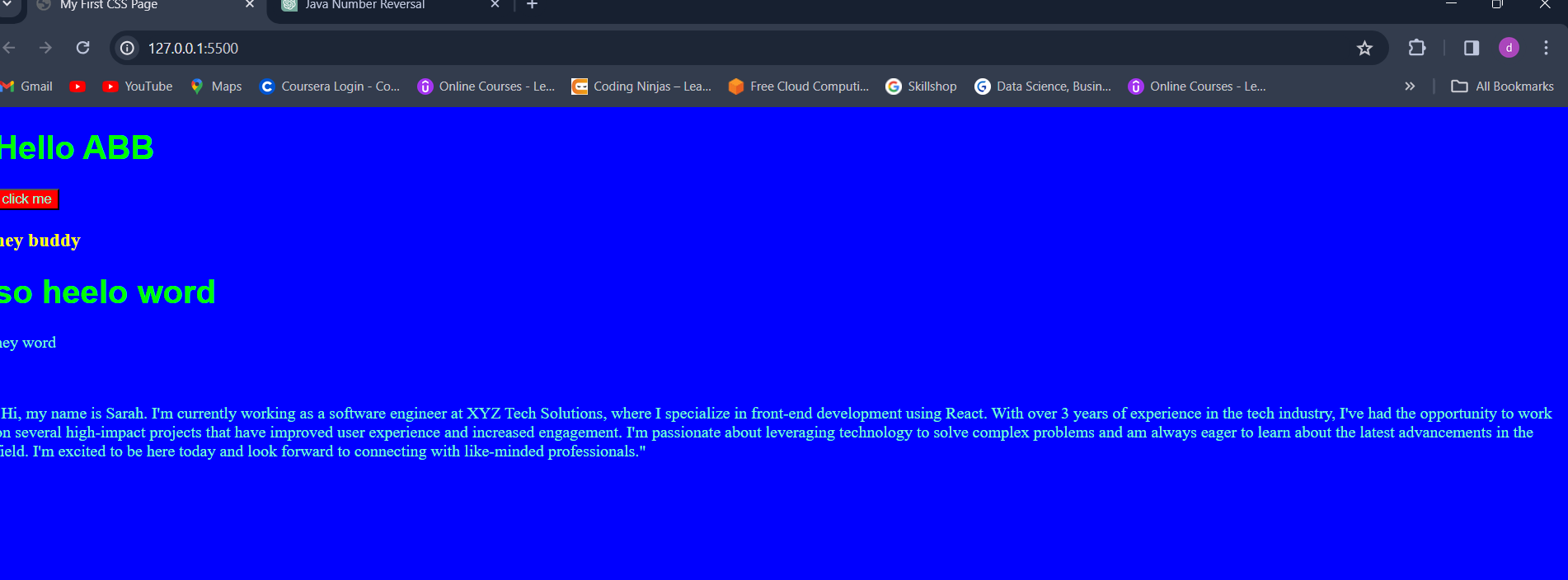
    color:pink;

}

p{

    text-align:right;

}

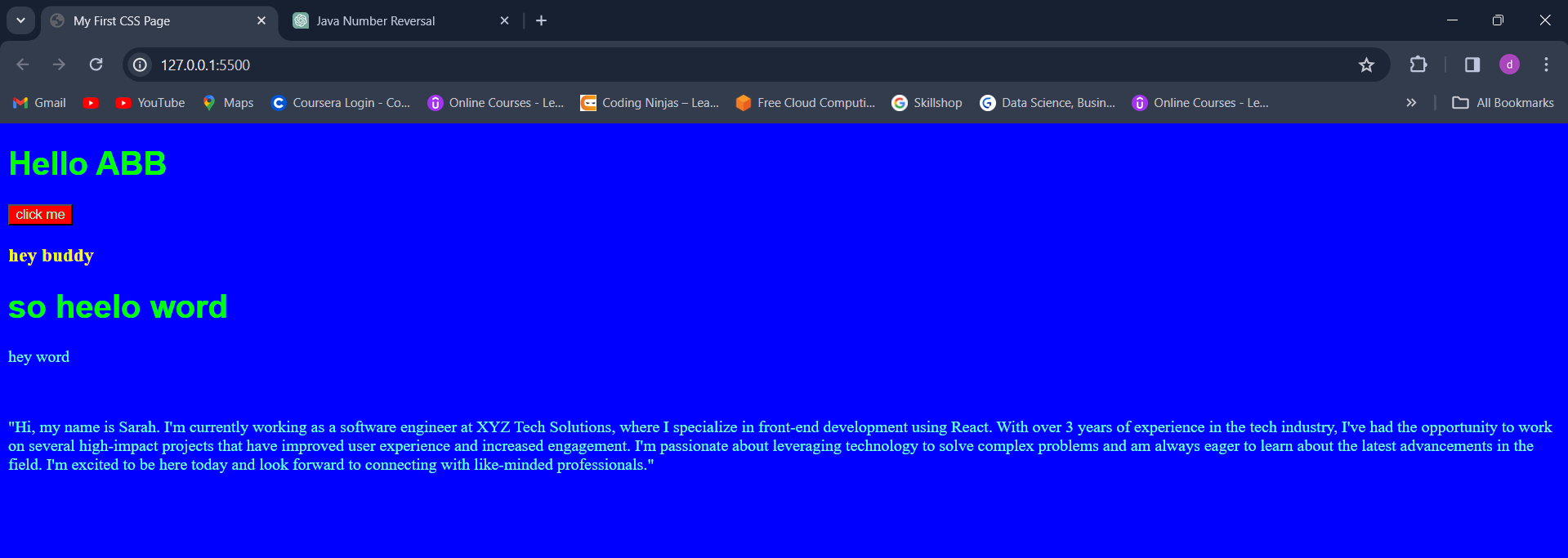
****

**Text-align left:**

p{

    text-align:left;

}

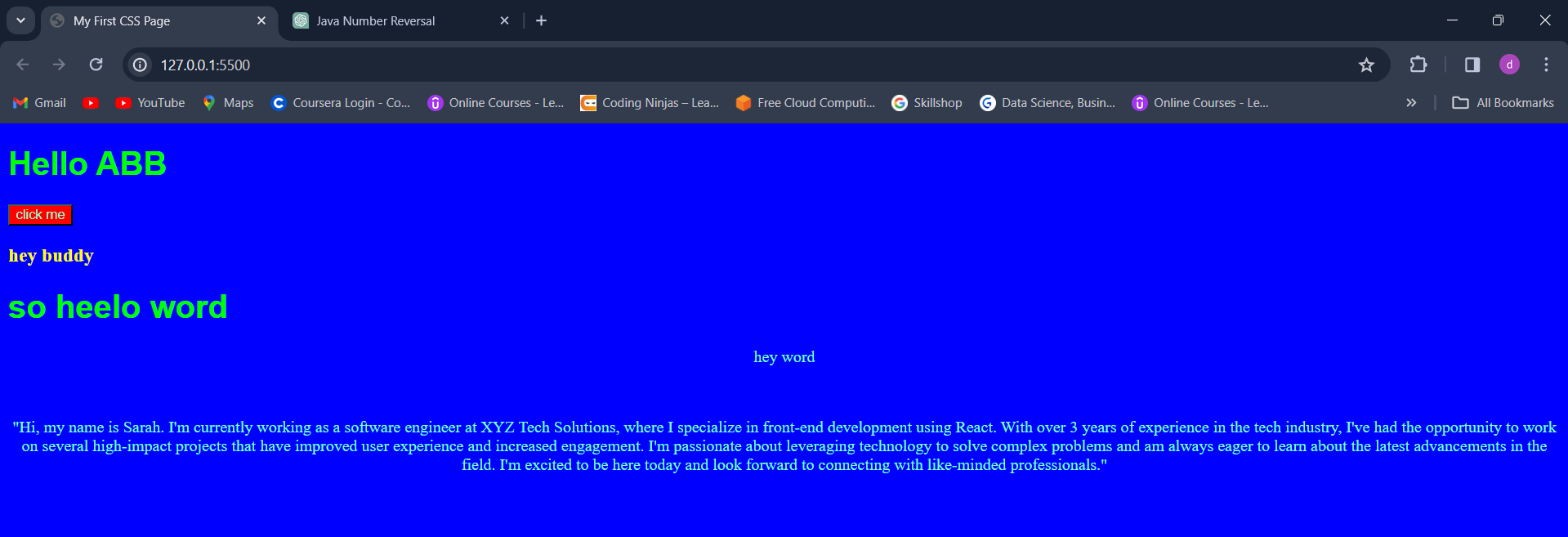
****

**Text-align:**

p{

    text-align:center;

}

****

**2.TEXT DECORATION:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Hello ABB</h1>

    <button>click me</button>

    <h3 id="h31">hey buddy</h3>

    <div>

        <h1 class="myclass">so heelo word</h1>

        <p class="myclass"> hey word</p>

        <br>

        <p>"Hi, my name is Sarah. I'm currently working as a software engineer at XYZ Tech Solutions, where I specialize in front-end development using React. With over 3 years of experience in the tech industry, I've had the opportunity to work on several high-impact projects that have improved user experience and increased engagement. I'm passionate about leveraging technology to solve complex problems and am always eager to learn about the latest advancements in the field. I'm excited to be here today and look forward to connecting with like-minded professionals."

        </p>

    </div>

</body>

</html>

/\* style.css \*/

\*{

    color:aquamarine;

}

h1 {

    color:#00ff00;

    font-family: Arial, sans-serif;

}

button{

    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

#h31{

    color:yellow;

}

.class{

    color:pink;

}

p{

    text-align:center;

    text-decoration:underline;

}

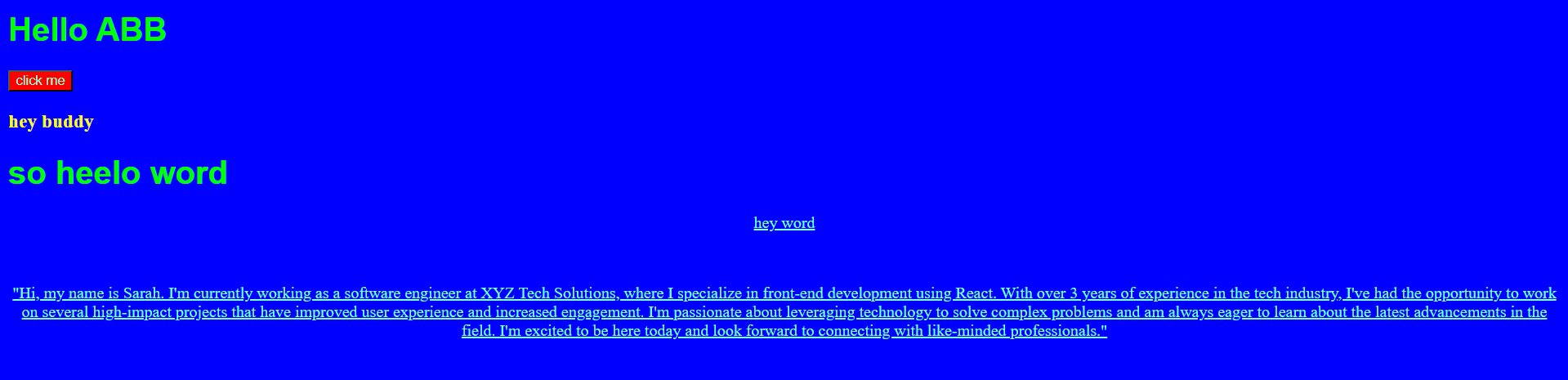
**Underline:**

p{

    text-align:center;

    text-decoration:underline;

}

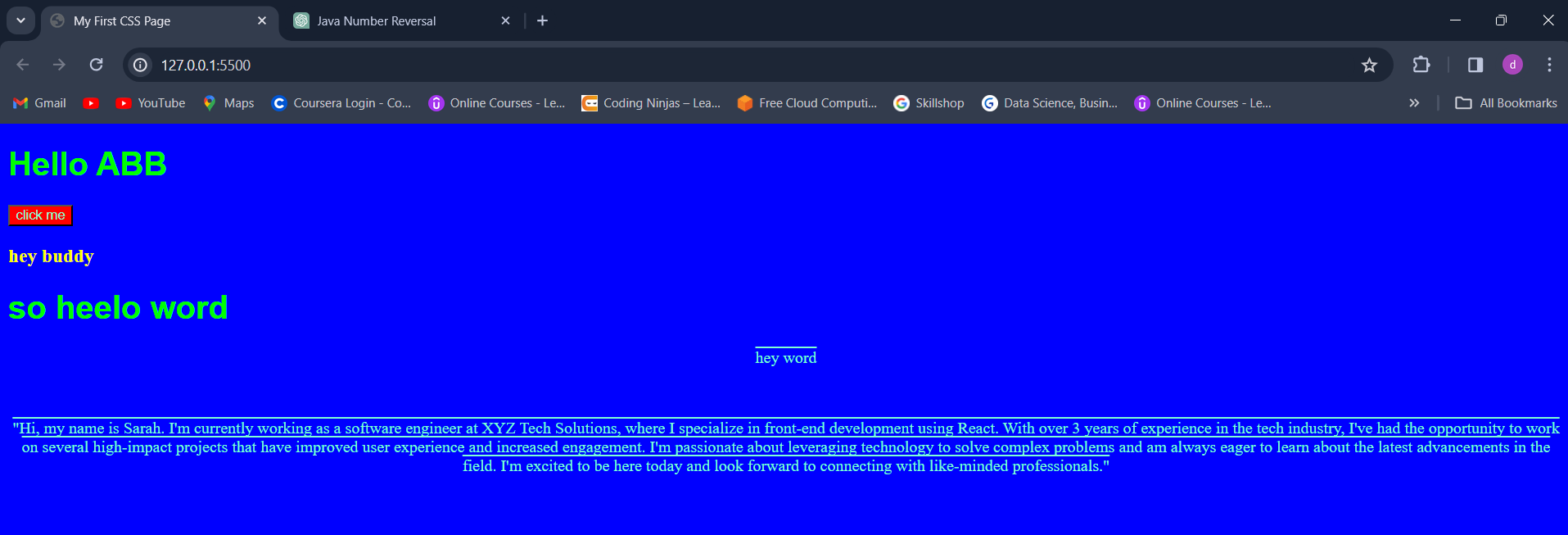
****

**Overline:**p{

    text-align:center;

    text-decoration:overline;

}

****

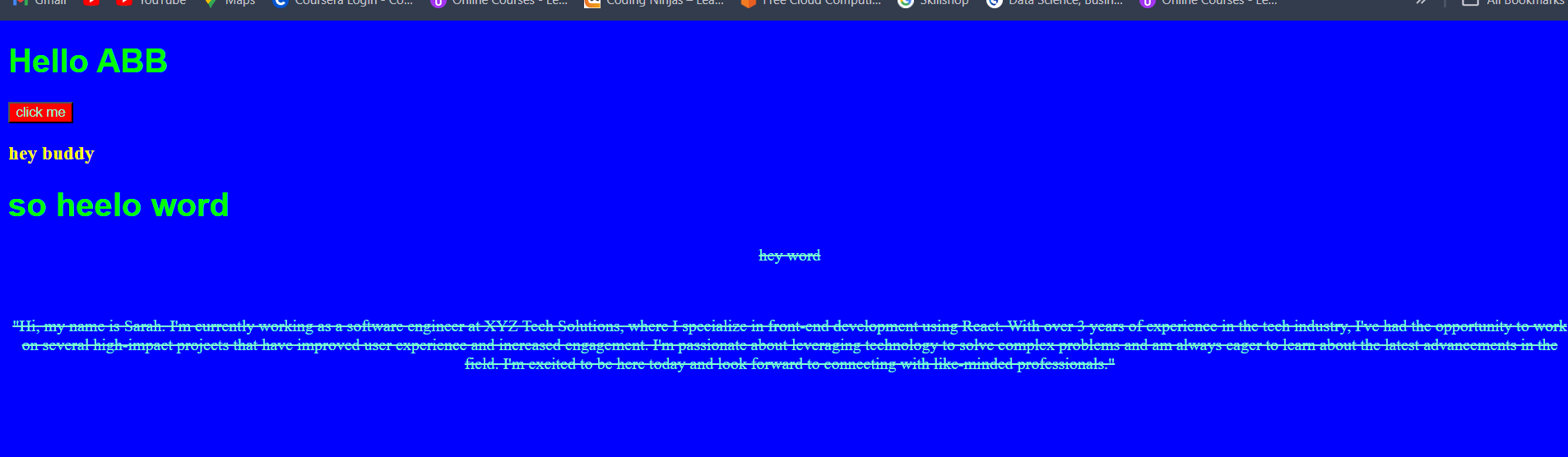
**Line-through**

p{

    text-align:center;

    text-decoration:line-through;

}

****

**None;**

a{

    text-decoration:none;

}

****

**3.FONT WEIGHT:  
100,900**

**Bold,bolder**

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:bold;

}

****

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

}

****

**4.font-family:**

font-family:arial;

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

}

****

**5.units in css:**

**a.absolute unit:**

font-size :30px;

p{

    text-align:center;

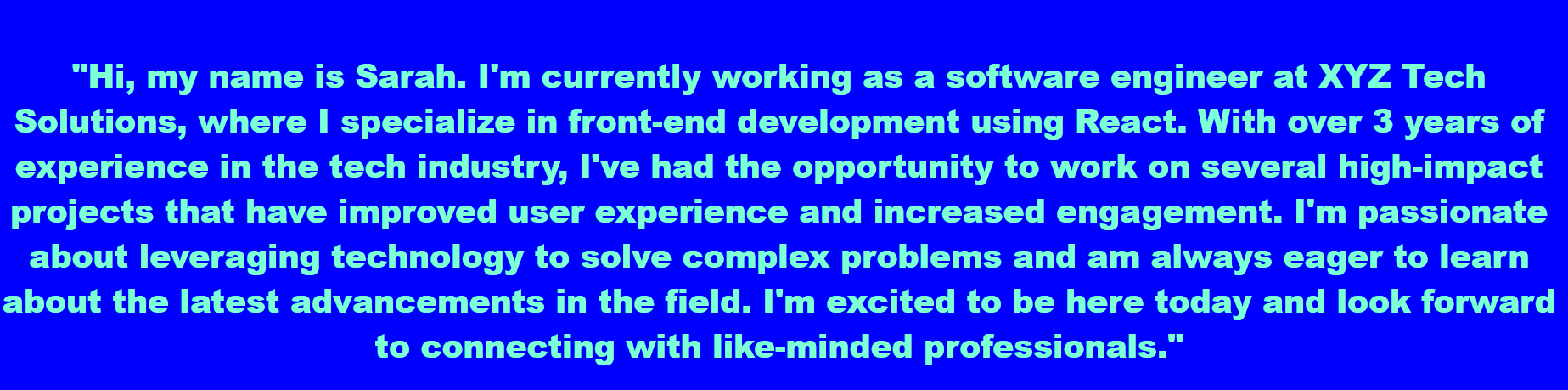
    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

    font-size :30px;

}

****

**6.line height:**

   line-height: 40px;

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

    font-size :20px;

    line-height: 40px;

}

****

**7.text transform:**

**Uppercase,lowercase,capitalize;**

  text-transform: uppercase;

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

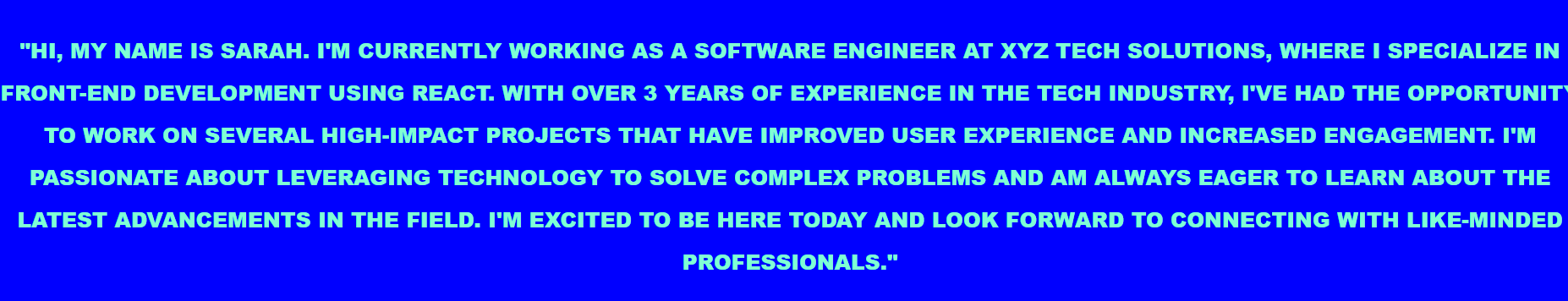
    font-family:arial;

    font-size :20px;

    line-height: 40px;

    text-transform: uppercase;

}

****

**Lowercase:**

 text-transform: lowercase;

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

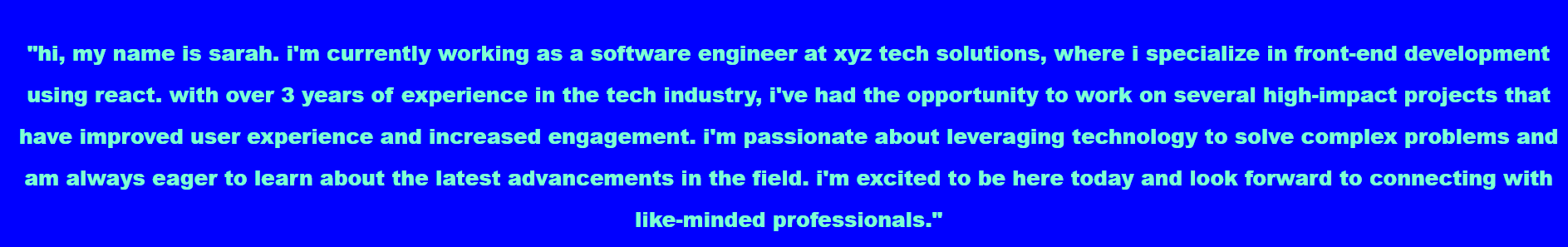
    font-family:arial;

    font-size :20px;

    line-height: 40px;

    text-transform: lowercase;

}

****

**Capitalize:**

 text-transform: capitalize;

p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

    font-size :20px;

    line-height: 40px;

    text-transform: capitalize;

}

****

**\*BOX MODELS:**

**Height:**

div{

    height:50px;

}

**Width:**

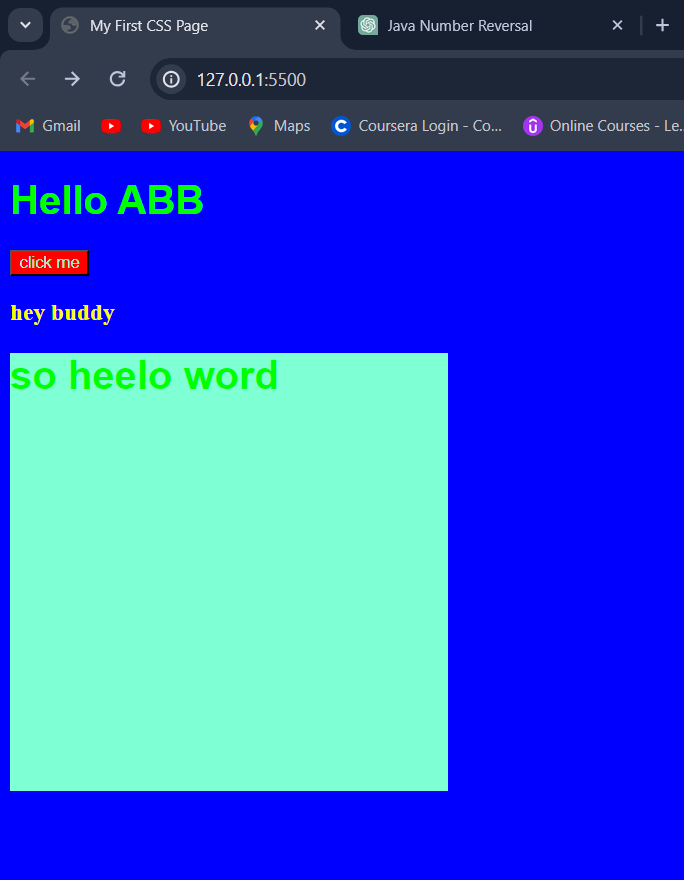
   width:50px;

div{

    height:50px;

    width:50px;

}

****

**BORDER:**

**Border style:solid,dotted,dashe,double**

 border-style:solid;

div{

    height:350px;

    width:350px;

    background-color: aquamarine;

    border-style:solid;

}

**Border-color;**

 border-color:brown;

div{

    height:350px;

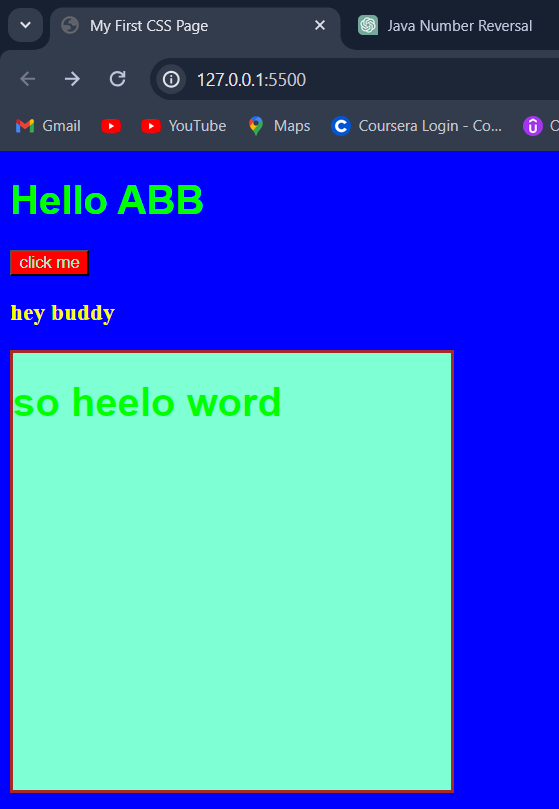
    width:350px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

}

****

**Border-width:**

div{

    height:350px;

    width:350px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

    border-width: 5px;

}

border-width: 5px;

****

**Shorthand:**

div{

    border:5px solid brown;

}

**RADIUS:**

**Border-radius:100px;**

 border-radius: 10px;

div{

    height:350px;

    width:350px;

    background-color: aquamarine;

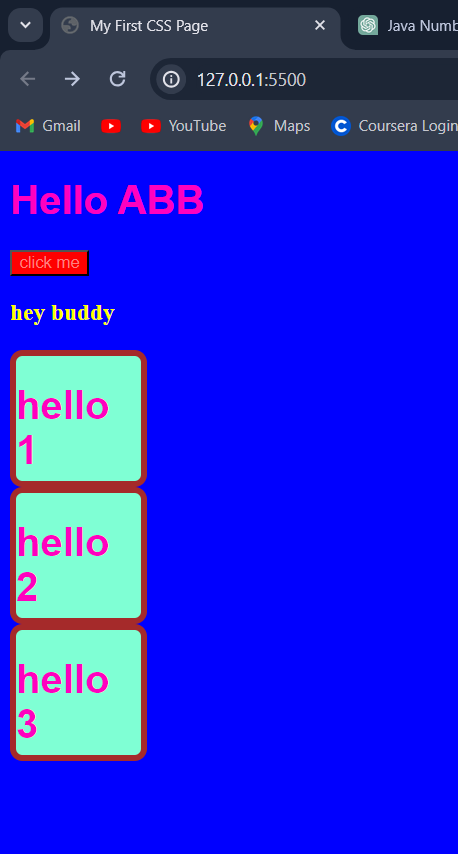
    border-style:solid;

    border-color:brown;

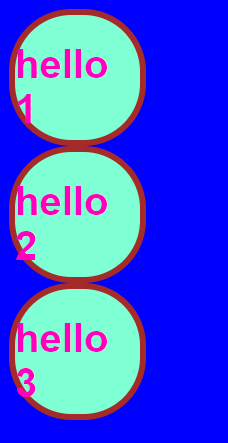
    border-width: 5px;

    border-radius: 10px;

}

****

 border-radius: 50px;

****

**PADDING:  
left,right,top,bottom;**

padding-left: 20px;

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

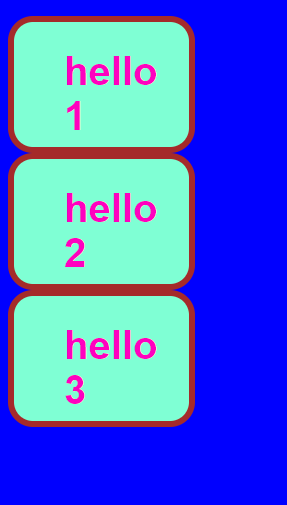
    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

    padding-left: 40px;

}

****

**Padding right**

 padding-right: 40px;

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

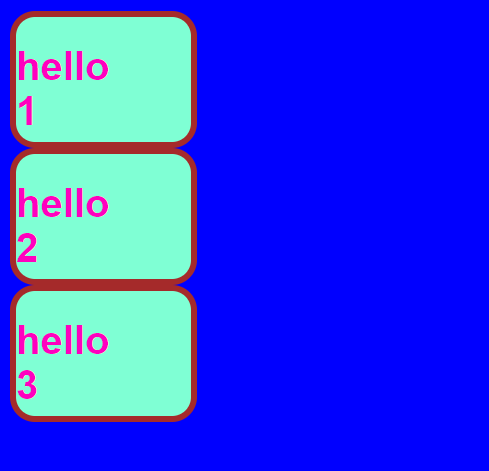
    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

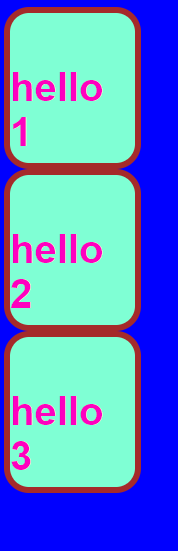
    padding-right: 40px;

}

****

**Padding top**

 padding-top: 20px;

****

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

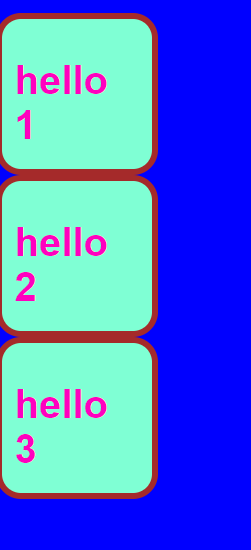
    padding-top: 10px;

    padding-bottom: 10px;

    padding-left: 10px;

    padding-right: 10px;

}

****

**Shorthand:**

  padding:10px 10px 10px 10px;

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

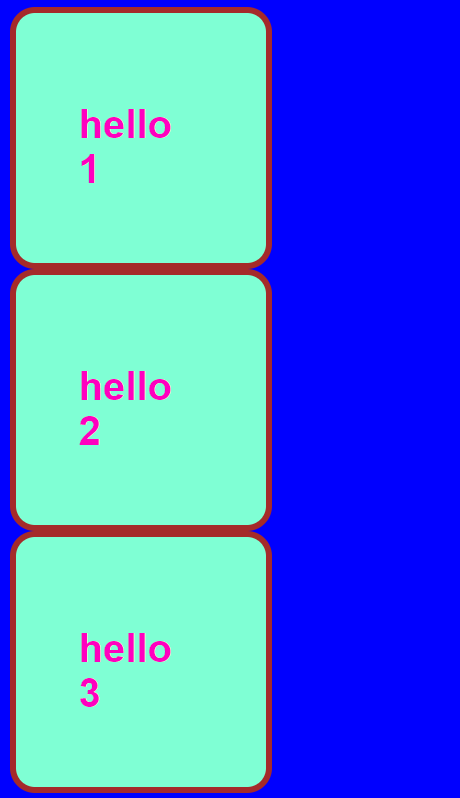
    border-width: 5px;

    border-radius: 20px;

    padding:10px 10px 10px 10px;

}

   padding:50px;

****

**Margin:**

**Right,left,top,bottom:**

 margin-top:50%;

  margin:50px;

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

    border-width: 5px;

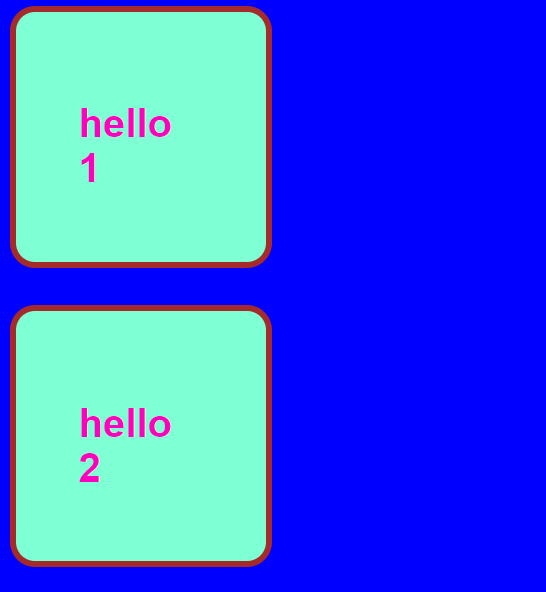
    border-radius: 20px;

    padding:50px;

    margin-top:30px;

}

    margin-top:30px;

****

  margin:50px 50px 50px 50px ;

**DISPLAY PROPERTY:  
block,inline,inline-block,none;**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div> hello</div>

    <button>click</click>

</body>

</html>

/\* style.css \*/

\*{

    color:rgb(255, 127, 127);

}

h1 {

    color:#ff00bf;

    font-family: Arial, sans-serif;

}

button{

    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

#h31{

    color:yellow;

}

.class{

    color:pink;

}p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

    font-size :20px;

    line-height: 40px;

    text-transform: capitalize;

}

a{

    text-decoration:none;

}

div{

    height:100px;

    width:100px;

    background-color: aquamarine;

    border-style:solid;

    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

    padding:50px;

    margin:50px 50px 50px 50px ;

}

div{

    border:5px solid brown;

}

div{

    display: inline;

    background-color: pink;

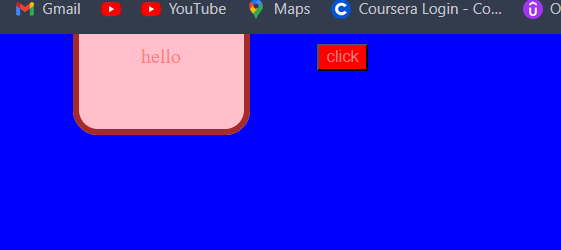
}

div{

    display: inline;

    background-color: pink;

}

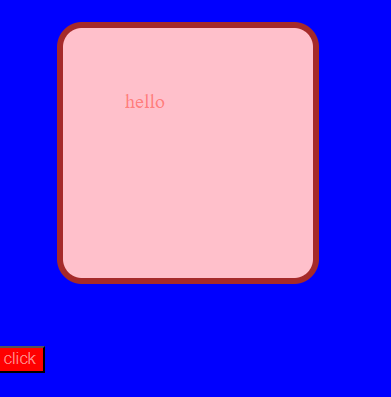
****

div{

    display: block;

    background-color: pink;

}

****

**Visibility:**

 visibility:hidden;

**OPACITY:  
0-1**

**color:rgba(255,0,0,0.5);**

 background-color:rgba(255,0,0,0.30);

div{

    height:100px;

    width:100px;

    background-color:rgba(255,0,0,0.30);

    border-style:solid;

    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

    padding:50px;

    margin-top: 60px ;

}

**UNITS:**

**%,em,rem;**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div id="box1"> box1

        <div id="box2">box2

        </div>

    </div>

</body>

</html>

#box1{

    height:100px;

    width:100px;

    background-color: #ff00bf;

}

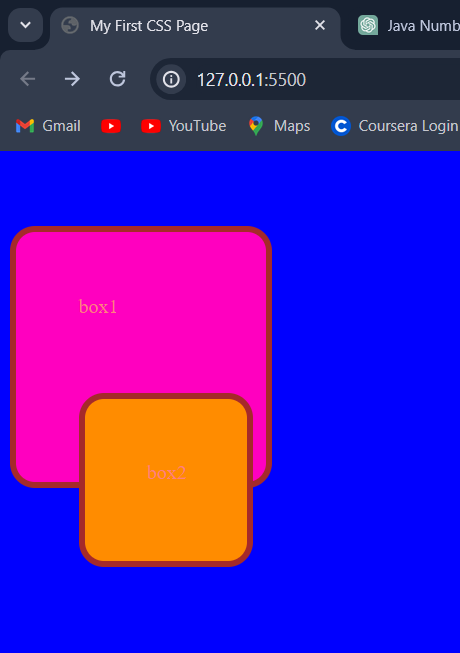
#box2{

    height:30px;

    width:30px;

    background-color: darkorange;

}

****

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div id="box1"> box1

        <div id="box2">box2

        </div>

    </div>

</body>

</html>

#box1{

    height:100px;

    width:100px;

    background-color: #ff00bf;

    font-size: 30px;

}

#box2{

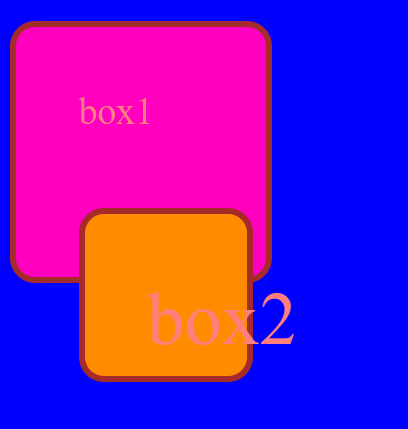
    height:30px;

    width:30px;

    background-color: darkorange;

    font-size: 2em;

}

****

**Rem:parent element;**

**POSITION:  
static,relative,absolute,fixed**

**Static::**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>position</h1>

    <div id="box1">box1</div>

    <div id="box2">box 2</div>

    <div id="box3">box 3</div>

</body>

</html>

/\* style.css \*/

\*{

    color:rgb(29, 2, 2);

}

h1 {

    color:#ff00bf;

    font-family: Arial, sans-serif;

}

button{

    background-color:#ff0000;

}

body{

    background-color:#0000ff;

}

#h31{

    color:yellow;

}

.class{

    color:pink;

}p{

    text-align:center;

    text-decoration:black wawe underline;

    font-weight:900;

    font-family:arial;

    font-size :20px;

    line-height: 40px;

    text-transform: capitalize;

}

a{

    text-decoration:none;

}

div{

    height:100px;

    width:100px;

    background-color:rgba(255,0,0,0.30);

    border-style:solid;

    border-color:brown;

    border-width: 5px;

    border-radius: 20px;

    padding:50px;

    margin-top: 60px ;

}

div{

    border:5px solid brown;

}

div{

    height: 100px;

    width:100px;

    display: inline-block;

    background-color: pink;

    border: 2px solid black;

}

#box1{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

}

div{

    height: 100px;

    width:100px;

    display: inline-block;

    background-color: pink;

    border: 2px solid black;

}

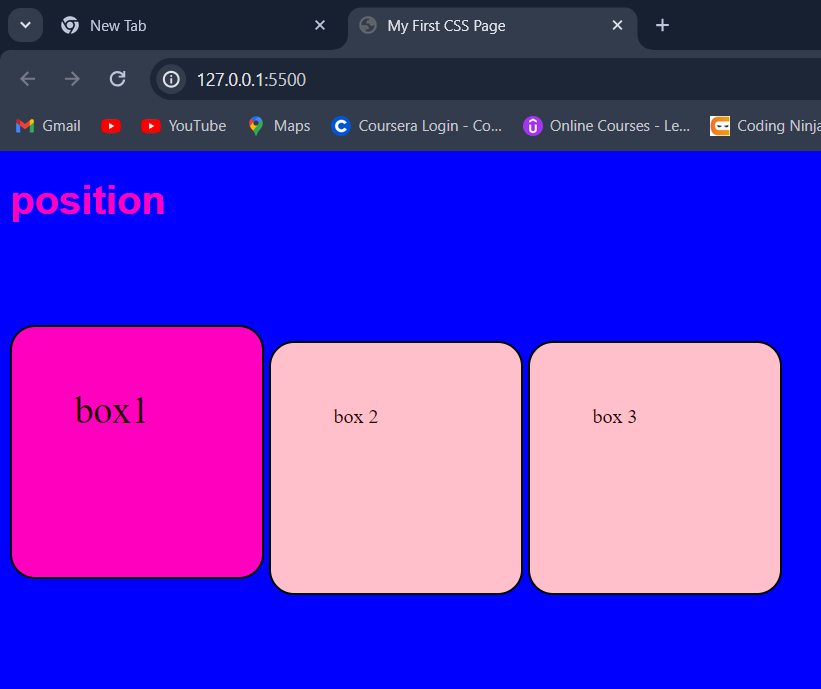
#box1{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

}

****

**Relative:top,right,bottom,left**

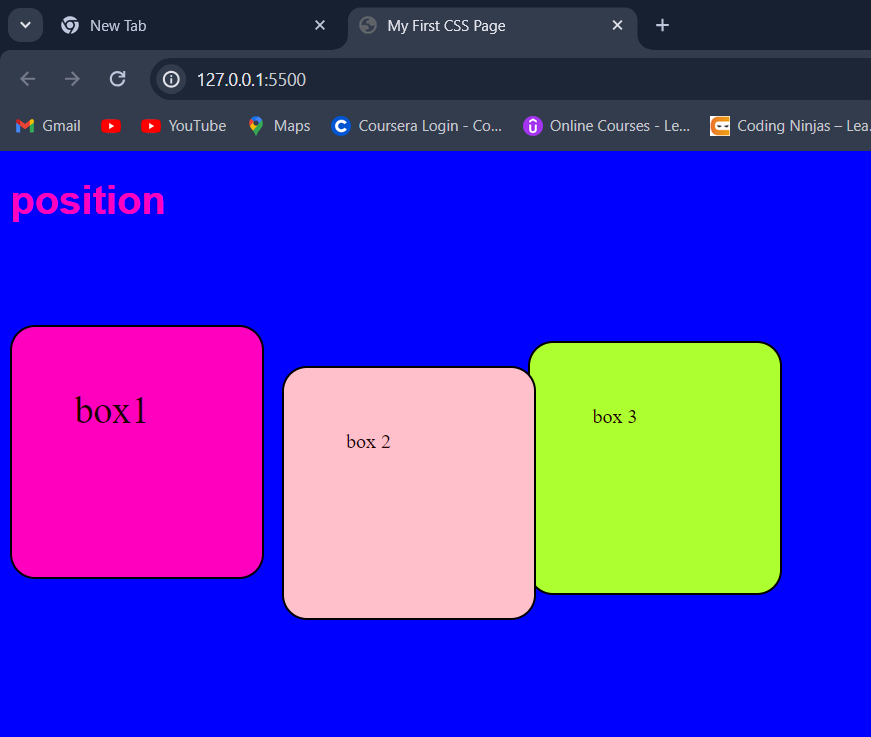
#box2{

    position:relative;

    top:20px;

    left:10px;

}

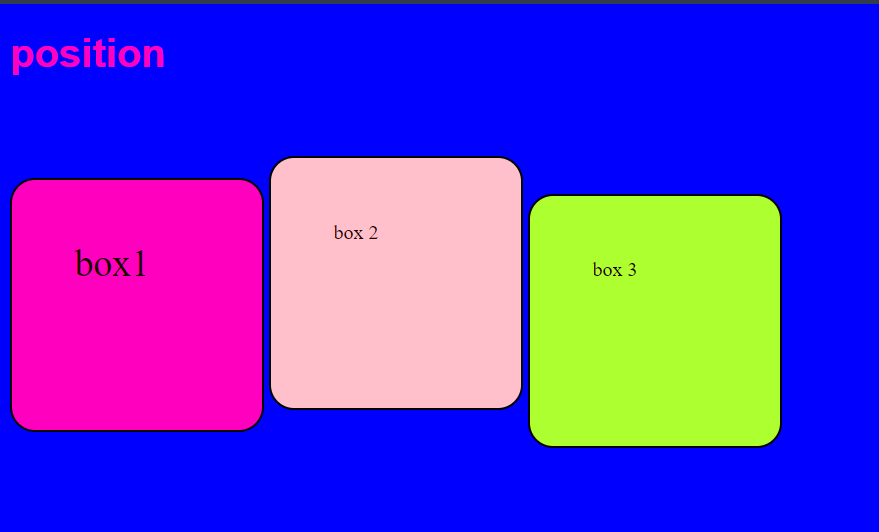
****

#box2{

    position:relative;

    bottom:30px;

}

****

**Absolute:**

#box3{

    background-color: greenyellow;

    position:30px;

}

**Fixed-position relative to browser;**

#box3{

  position:fixed;

  right:10px;

}

****

**Sticky position:**

#box3{

  position:sticky;

  right:500px;

left:20px;

}

**A screenshot of a computer

Description automatically generated**

**Stay at one place**

#box2{

    position:relative;

    top:20px;

    left:10px;

    z-index:1;

}

#box3{

  position:fixed;

top:20px;

z-index:-3;

}

**A screenshot of a computer

Description automatically generated**

**BACKGROUND IMAGE:**

 background-image: url("spider.jpeg");

#box3{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

    background-image: url("spider.jpeg");

}

**A pink box with black text

Description automatically generated**

**Background-size:**

**Cover,contain,auto:**

**Cover:**

#box3{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

    background-image: url("spider.jpeg");

    background-size: cover;

}

**A screenshot of a video game

Description automatically generated**

**Contain:**

  background-size: contain;

    background-repeat:no-repeat ;

#box3{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

    background-image: url("spider.jpeg");

    background-size: contain;

    background-repeat:no-repeat ;

}

**A screenshot of a video game

Description automatically generated**

**Auto:**

#box3{

    background-color: #ff00bf;

    font-size: 30px;

    position:static;

    background-image: url("spider.jpeg");

    background-size: auto;

}

**A screenshot of a phone

Description automatically generated**

**FLEXBOX:  
flexible layout:**

**Flex-direction:**

**1.Flex-direction:row;**

**2.Flex-direction:row-reverse;**

**3.Flex-direction:column;**

**4.Flex-direction:column-reverse;**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>flexbox</h1>

    <div id="container">

    <div id="box1">box1</div>

    <div id="box2">box 2</div>

    <div id="box3">box 3</div>

    <div id="box4">box 4</div>

    </div>

</body>

</html>

body{

    text-align:center;

}

div{

    height:100px;

    width:500px;

    display:inline-block;

    border:2px solid block;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

}

#box1{

    background-color: aquamarine;

}

#box2{

    background-color:red;

}

#box1{

    background-color:green;

}

**A screenshot of a computer

Description automatically generated**

**Row reverse:**

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row-reverse;

}

**A screenshot of a computer

Description automatically generated**

**Column:**

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:column;

}

**A screenshot of a computer screen

Description automatically generated**

**Column reverse**

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:column-reverse;

}

**A screenshot of a computer

Description automatically generated**

**Flex properties:**

**1.justify-content**

**2.flex-wrap**

**3.align-itmes**

**4.align-content;**

**Justify-content:flext-start,flex-end,center,space-evenly**

#container{

    width:800px;

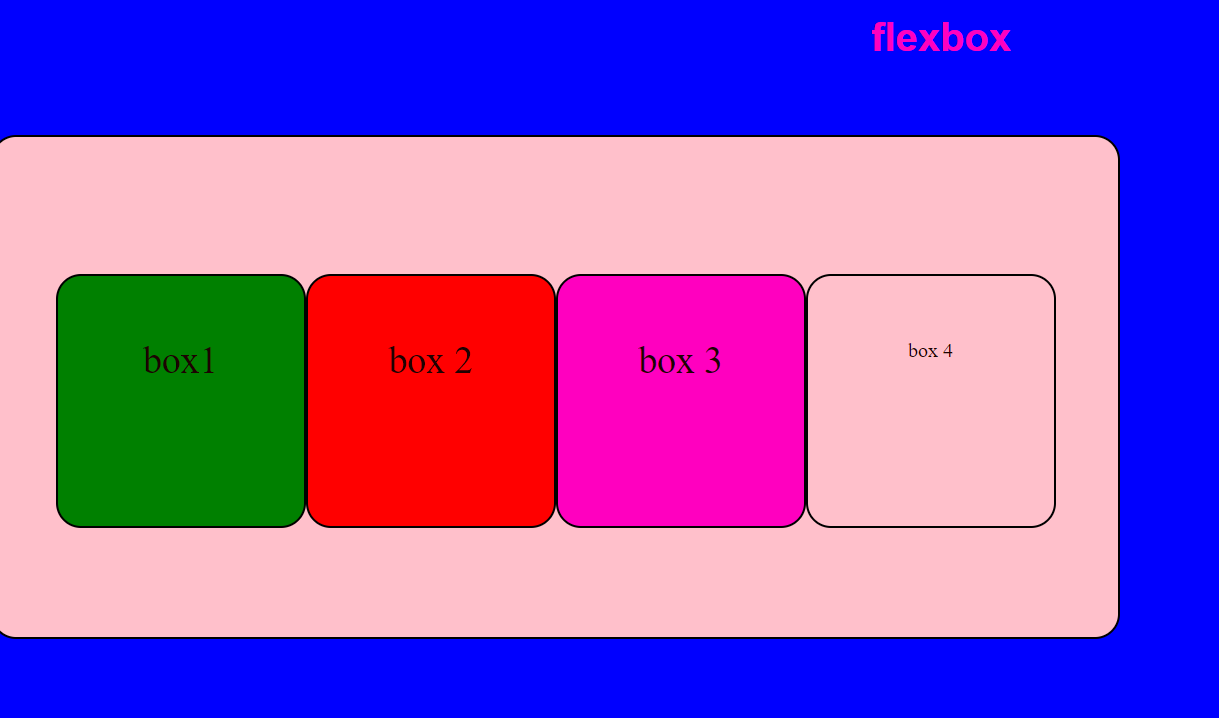
    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: flex-start;

}

****

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: flex-end;

}

#box1{

    background-color: aquamarine;

}

#box2{

    background-color:red;

}

#box1{

    background-color:green;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: center;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: space-around;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: space-between;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content: space-evenly;

}

**Column;**

#container{

    width:800px;

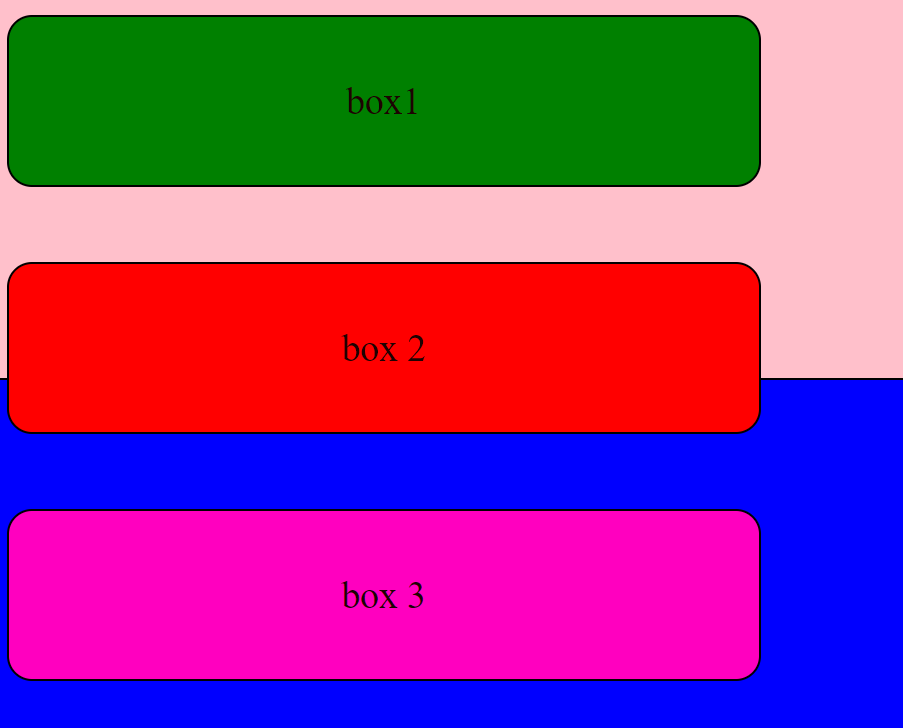
    height:300px;

    display:flex;

    flex-direction:column;

    justify-content: flex-start;

}

****

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:column;

    justify-content: flex-end;

}

**A screenshot of a computer screen

Description automatically generated**

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:column;

    justify-content:center;

}

**Align content;**

  align-items: center;

    align-content: center;

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row;

    justify-content:center;

    align-items: center;

    align-content: center;

}

**A screenshot of a computer

Description automatically generated**

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row ;

    flex-wrap: wrap;

    justify-content:flex-start;

    align-items: center;

    align-content: flex-start;

}

#container{

    width:800px;

    height:300px;

    display:flex;

    flex-direction:row ;

    flex-wrap: wrap;

    justify-content:flex-start;

    align-items: center;

    align-content: flex-end;

}

**Flex item;**

**Align-self:**

**flexe-grow:**

**flex-shrink:**

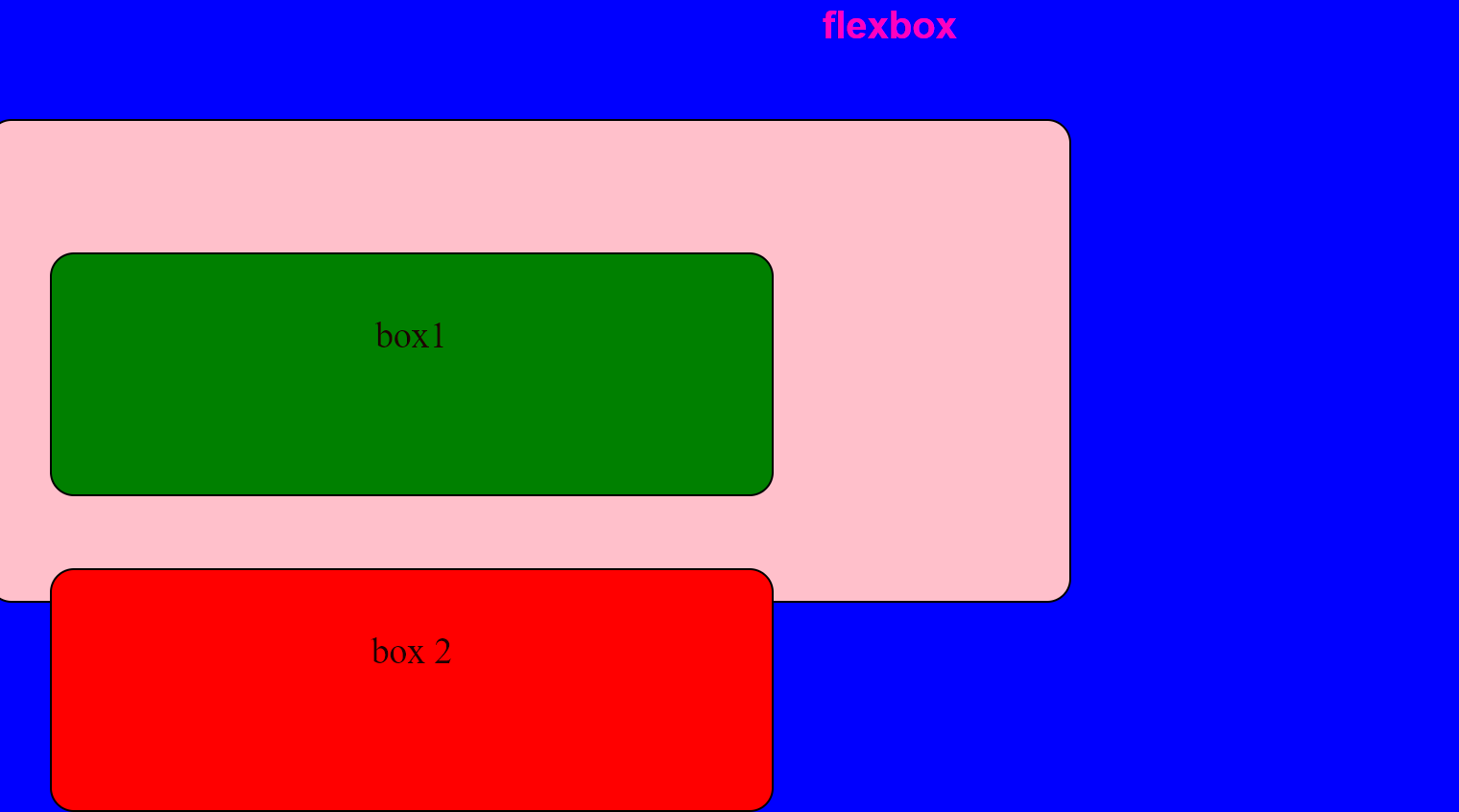
**align-self:**

#box1{

    background-color: aquamarine;

    align-self:flex-end;

}

****

**Flex-grow:**

#box1{

    background-color: aquamarine;

    align-self:flex-end;

}

#box2{

    background-color:red;

    flex-shrink:0.5;

}

**A red green and blue rectangles

Description automatically generated**

**Media queries:**

}

@media(width:600px){

    div{background-color: maroon;}

}

@media(width:600px){

    div{background-color: maroon;}

}

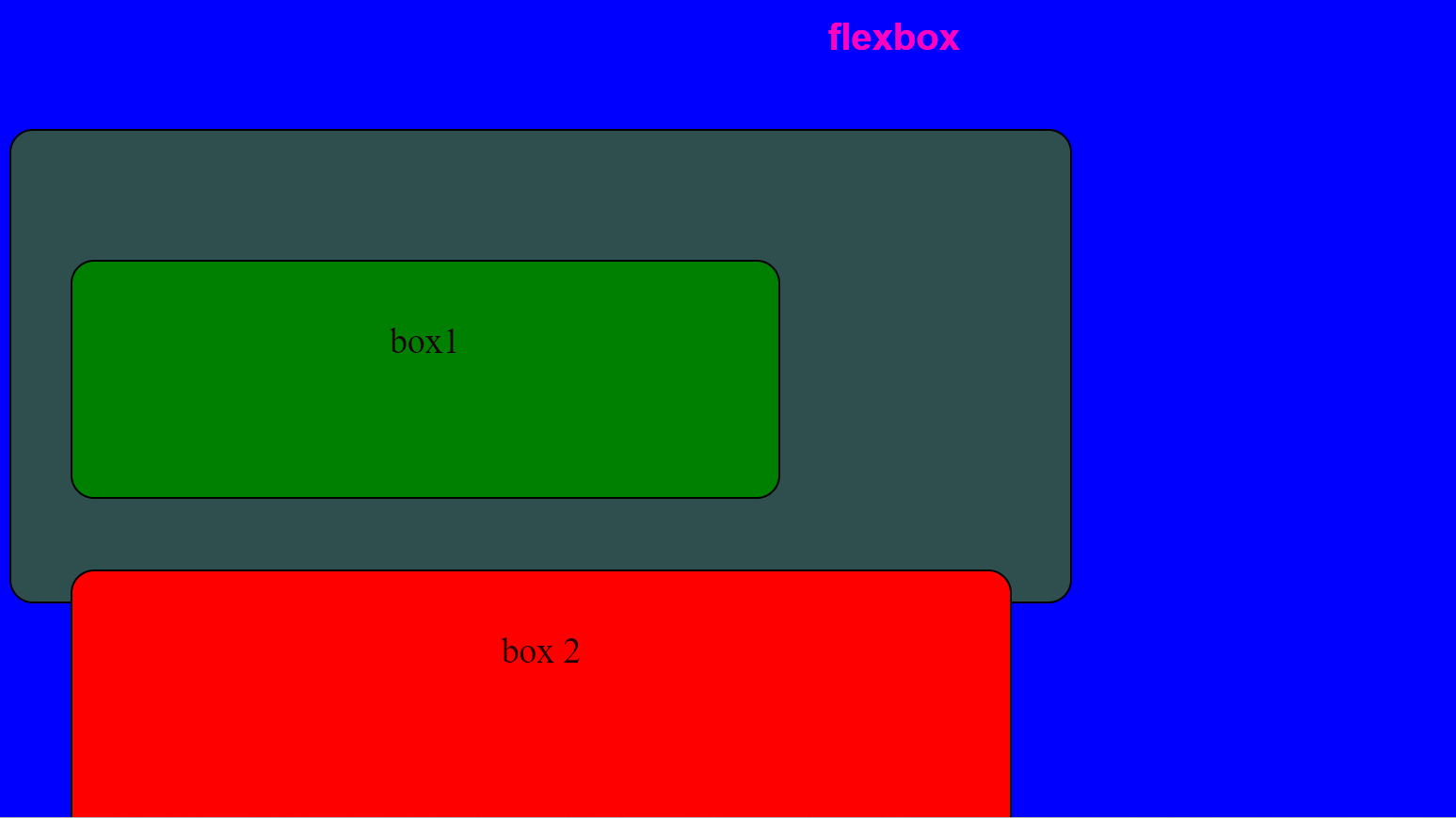
@media(min-width:600px){

    div{

        background-color: darkslategray;

    }

}

****

**Transition:**

**Transition-property:**

<!DOCTYPE html>

<html>

<head>

    <title>My First CSS Page</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

   <div>hello</div>

</body>

</html>

div{

    height:100px;

    width:100px;

    background-color:aquamarine;

    border:2px solid black;

}

div:hover

{

background-color: red;

color:white;

}

**div:active:**

div:active{

    background-color:#ff00bf;

}

**Transition -propery:all**

**Transition:duration:2s;**

div{

    transition-property:all;

    transition-duration: 2s;

}

**Font-size:**

div:hover

{

background-color: red;

color:white;

font-size:20px;

}

**Transition-timing-function:steps(3);**

div{

    transition-property:all;

    transition-duration: 2s;

    transition-timing-function: steps(3) ;

}

**Shorthand:**

div{

    transition:all 2s ease-in 1s;

}

**Transform:**

**Transform:rotate(45deg);**

**A red diamond on a blue background

Description automatically generated**

div{

    transform:rotate(360deg);

}

**Scale:**

**Transform scale(2);**

div:hover{

    transform:scale(2);

}

**A blue square with a green border

Description automatically generated**

**A red and blue square with white text

Description automatically generated**

**Translate:**

**Element move right side**

 transform:translate(250px);

div:hover{

    transform:scale(2);

    transform:translate(250px);

}

**Element move left side**

div:hover{

    transform:scale(2);

    transform:translate(-250px);

}

**Skew:**

 transform:skew(30deg);

div:hover{

    transform:scale(2);

    transform:translate(-250px);

    transform:skew(30deg);

}

**A red square with white text on it

Description automatically generated**

**ANIMATION:**div{

    animation-name:colorAnimate;

    animation-duration: 3s;

    animation-timing-function: ease-in;

    animation-delay: 1s;

    animation-iteration-count: 5;

    animation-direction: alternate;

}

animation-direction:normal;

animation-direction:reverse;

animation-direction:alternate;

animation-direction:alternate-reverse;

div{

    animation-name:colorAnimate;

    animation-duration: 3s;

    animation-timing-function: ease-in;

    animation-delay: 1s;

    animation-iteration-count: 5;

    animation-direction: alternate;

}

@keyframes  colorAnimate{

    from{

        left:0px;

    }to{

        left:200px;

    }

}

**Shorthand:**

div{

    animation:colorAnimate 2s ease-in 3s infinite normal;

}

**% in Animation:**

@keyframes colorAnimate{

    0%{font-size:20px;}

    5%{font-size:30px;}

    100%{font-size:40px;

    }

}