



**VIT<sup>®</sup>**  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

## **BCSE203E- Web Programming**

### **Assignment**

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*Topics - <div> and CSS.*

**Activity 1: Create the following layout pages using CSS and div**

**This is the parent division!**

**This is child 1!**

**This is child 2!**

This is the parent division!

This is a child division!

This is another child division!

This is a child division!

This is another child division!

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Layout Assignment</title>
  <style>
    body {
      margin: 0;
      font-family: Arial, sans-serif;
    }

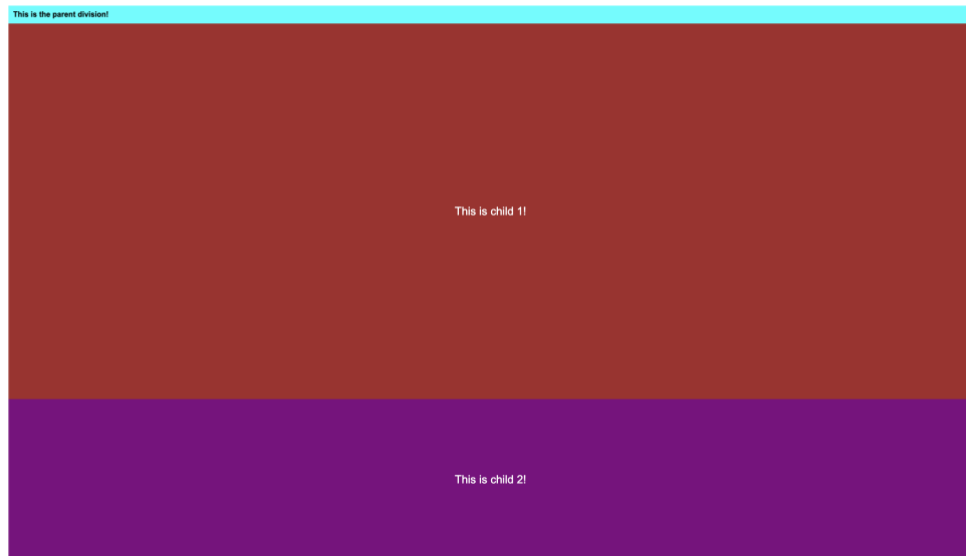
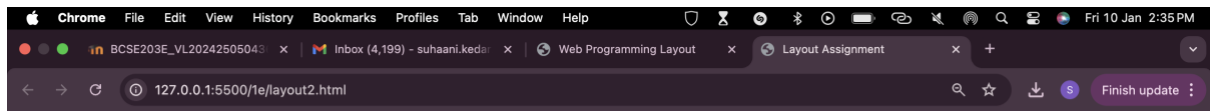
    .parent {
      width: 80%;
      height: 80vh;
      background-color: aqua;
      box-sizing: border-box;
      margin: auto;
      margin-top: 10vh;
    }

    .child1 {
      width: 100%;
      height: 70%;
      background-color: brown;
      color: white;
      display: flex;
      align-items: center;
      justify-content: center;
      font-size: 1.5rem;
    }

    .child2 {
      width: 100%;
      height: 30%;
      background-color: purple;
      color: white;
      display: flex;
      align-items: center;
      justify-content: center;
```

```
    font-size: 1.5rem;
  }

  .text {
    padding: 10px;
    font-weight: bold;
    background-color: aqua;
    box-sizing: border-box;
  }
</style>
</head>
<body>
  <div class="parent">
    <div class="text">This is the parent division!</div>
    <div class="child1">
      This is child 1!
    </div>
    <div class="child2">
      This is child 2!
    </div>
  </div>
</body>
</html>
```



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Web Programming Layout</title>
  <style>
    /* Parent division */
    .parent {
      width: 80%;
      height: 510px;
      background-color: aqua;
      margin: 5px auto;
      position: relative;
      border: 2px solid black;
    }

    /* Child division 1 */
    .child1 {
      width: 40%;
      height: 42%;
      background-color: yellow;
      position: absolute;
```

```
    top: 10%;
    left: 0;

    /* border: 4px solid red; */
}

/* Child division 2 */
.child2 {
    width: 50%;
    height: 49%;
    background-color: magenta;
    position: absolute;
    bottom: 0;
    left: 0;
    top: calc(10% + 40% + 8px); /* Aligns with the bottom edge of the yellow box */
}
</style>
</head>
<body>
    <!-- Parent Division -->
    <div class="parent">
        <p>This is the parent division!</p>
        <!-- Child Division 1 -->
        <div class="child1">
            <p>This is a child division!</p>
        </div>
        <!-- Child Division 2 -->
        <div class="child2">
            <p>This is another child division!</p>
        </div>
    </div>
</body>
</html>
```

