



**Green University of Bangladesh**  
**Department of Computer Science and Engineering(CSE)**  
**Faculty of Sciences and Engineering**  
**Semester: (Fall, Year:2021), B.Sc. in CSE (Day)**

**LAB REPORT NO 02**  
**Course Title: Web Programming Lab**  
**Course Code: CSE 302                      Section: 193 DE**

**Lab Experiment Name:** Designing a basic webpage layout Using external CSS and image content according to given template.

**Student Details**

Name		ID
1.	Jakirul Islam	193002101

**Lab Date     : 11-11-2021**

**Course Teacher's Name: Feroza Naznin**

## 1 . TITLE

Designing a basic webpage layout Using external CSS and image content according to given template.

## 2 . OBJECTIVES

In this lab I have developed a webpage using vs code and HTML and CSS and grid layout for gathering some knowledge about webpage layout and CSS grid. I also use background image in this layout.

## 3 . PROCEDURE

1. First of all I create a HTML file in VS code.
2. After that create a HTML boilerplate by using (!) and pressing enter.
3. Then I make multiple div with various classes for design it.
4. Then I create a external CSS file and connect it to my html.
5. Then in CSS I designed the whole layout by CSS grid layout.
6. My HTML and CSS code file given below also the output.

## 4 . PROGRAM CODE

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">
  <title>Document</title>
  <link rel="stylesheet" href="./grid.css">
</head>
<body>
  <div>
    <div class="green">
      <h4 class="color">GREEN</h4>
    </div>
    <div class="parent-div">
      <div class="yellow">
        <h4>YELLOW</h4>
        <div class="yello-child">
          <div>1</div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

```

        <div>2</div>
        <div>3</div>
        <div>4</div>
    </div>
</div>
<div class="parent-div-two">
    <div class="orange">
        <h4>ORANGE</h4>
    </div>
    <div class="blue">
        <h4 class="color">BLUE</h4>
    </div>
</div>
<div class="red">
    <h4 class="color">RED</h4>
    <div class="yello-child">
        <div>A</div>
        <div>B</div>
        <div>C</div>
        <div>D</div>
    </div>
</div>
</div>
</div>
</body>
</html>

```

CSS:

```

body{
    background-image: url("https://wallpaperaccess.com/full/2637581.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
.green{
    background-image: url("https://images.unsplash.com/photo-1561016444-14f747499547?ixid=MnwxMjA3fDB8MHxzZWZyY2h8MXx8Z3JlZW41MjBjb2xvcnx1bnwwfHwwfHw%3D&ixlib=rb-1.2.1&w=1000&q=80");
    display: grid;
    grid-template-columns: 1fr;
    grid-template-rows: 150px;
}
.green h4{
    margin-left: 20px;
    margin-top: 20px;
}

```

```
}
.parent-div{
  display: grid;
  background-repeat: no-repeat;
  background-size: cover;
  grid-template-columns: 33% 33% auto;
  grid-template-rows: 450px;
  grid-gap: 15px;
  margin-top: 20px;
}
.yellow{
  background-color: yellow;
}
.yellow h4{
  margin-left: 20px;
  margin-top: 20px;
}
.red{
  background-color: red;
}
.red h4{
  margin-left: 20px;
  margin-top: 20px;
}
.parent-div-two{
  display: grid;
  grid-template-rows: 50% auto;
  grid-gap: 15px;
}
.orange{
  background-color: orange;
}
.orange h4{
  margin-left: 20px;
  margin-top: 20px;
}
.blue{
  background-color: blue;
}
.blue h4{
  margin-left: 20px;
  margin-top: 20px;
}
.yello-child{
```

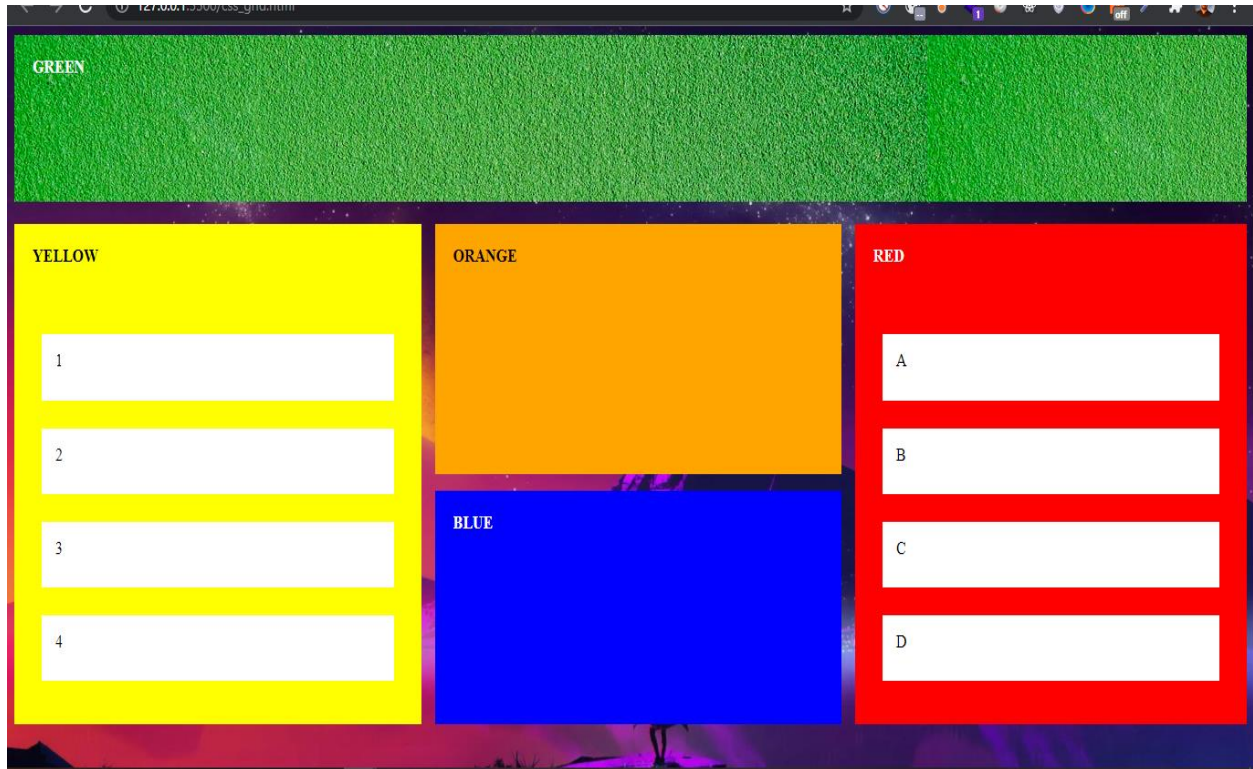
```

display: grid;
grid-template-columns: 1fr;
grid-template-rows: 25% 25% 25% 25%;
grid-gap: 15px;
padding: 30px;
}
.yello-child>div{
  background-color: white;
  margin-top: 10px;
  padding: 15px;
}
.color{
  color: white;
}
}

```

## 5. OUTPUT





## 6 . DISCUSSION

After completing this assignment,

1. I learn a lot of thing about HTML tag.
2. I also learn about CSS styling and CSS position
3. I gathered a lot of knowledge about CSS grid layout and how to use it.
4. Now I know how to connect external CSS file to my html also.