

# 1. Learn CSS Grid with Martin 😊

CSS Grid is a powerful layout system introduced in CSS3 that provides a flexible and efficient way to create complex grid-based layouts. It offers a grid-based approach to positioning elements on a web page, making it easier to design and maintain responsive layouts.

Let's learn

## 2. Key Concepts

Grid Container: The parent element that holds grid items

Grid Items: Child elements of the grid container. These elements are placed within the defined grid

### Here is a basic html code to define grid container and grid items

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>CSS GRID</title>

</head>
<body>
  <div class="grid-container">
    <div class="grid-item">1</div>
    <div class="grid-item">2</div>

  </body>
</html>
```

## CSS Grid Properties

1. display: grid;  
This enables the grid layout on the container.
2. grid-template-columns and grid-template-rows  
Defines the number of columns and rows.

You can use fr (fractional units), px, %, or auto to define sizes.

Example:

```
grid-template-columns: 1fr 2fr; /* First column takes 1 fraction, second takes 2 */
grid-template-rows: 100px auto; /* First row is 100px, second row auto-adjusts */
```

### 3. grid-gap / gap

Adds spacing between grid items.

```
gap: 10px; /* Adds 10px of space between rows and columns */
```

### 4. grid-column and grid-row

Used on grid items to define where they start and end on the grid.

Example:

```
/* Span an item across 2 columns */
grid-column: 1 / 3;
```

```
/* Span an item across 2 rows */
grid-row: 1 / 3;
```

## Summary

### Grid Cheat Sheet

grid-template-columns: Defines the columns.

grid-template-rows: Defines the rows.

grid-column: Defines how many columns an item spans.

grid-row: Defines how many rows an item spans.

gap: Space between grid items

**I used the above CSS Grid properties to create the**

# project below. Feel free to use it as a learning example

Here is my html code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<link rel="stylesheet" href="grid.css">
<body>
  <div class="container">
    <div class="box box1">
      <div class="flex">

        <div id="name">
          <h3 >Daniel Clifford</h3>
          <p id="verified">Verified Graduate</p>
        </div>
      </div>
      <p id="content" class="awesome" style="color: white;"><b>
        I received a job offer mid-course, and the subjects I learned<br> were current,
        in the company I joined. I <br>honestly feel I got every penny's worth.
      </b></p>
      <p id="content">
        “ I was an EMT for many years before I joined the bootcamp. I’ve been looking to
        transition and have heard some people who had an amazing experience here. I sign
        for the free intro course and found it incredibly fun! I enrolled shortly there;
        The next 12 weeks was the best - and most grueling - time of my life. Since comp
        the course, I’ve successfully switched careers, working as a Software Engineer ;
      </p>
    </div>
    <div class="box box2">
      <div class="flex">

        <div id="name">
          <h3 >Jonathan Walters</h3>
```

```

        <p id="verified" >Verified Graduate</p>
    </div>
</div>
<p id="content" class="awesome" style="color: white;"><b>The team was very<br>suppo
<p id="content"> “ I started as a total newbie with virtually no coding skills. I no
    for a big company. This was one of the best investments I’ve made in myself. ”<
</div>
<div class="box box3">
    <div class="flex">

        <div id="name">
            <h3 >Kira Whittle</h3>
            <p id="verified">Verified Graduate</p>
        </div>
    </div>
<p id="content" class="awesome"><b>
    Such a life-changing experience. Highly recommended!</b>
</p>
<p id="content">
    “ Before joining the bootcamp, I’ve never written a line of code. I needed some
    professionals who can help me learn programming step by step. I was encouraged t
    student of theirs who can only say wonderful things about the program. The entir
    did not disappoint. They were very hands-on and I never had to wait long for as
    project, in particular, was outstanding. It took my learning to the next level :
    could ever have. In fact, I’ve often referred to it during interviews as an exa
    experience. It certainly helped me land a job as a full-stack developer after re
    100% recommend! ”
</div>
<div class="box box4">
    <div class="flex">

        <div id="name">
            <h3 >Janeatte Harman</h3>
            <p id="verified" >Verified Graduate</p>
        </div>
    </div>
<p id="content" class="awesome"><b>An overall wonderful<br>and rewarding<br>experien
<p id="content">“ Thank you for the wonderful experience! I now have a job I really
    while doing something I love. ”</p>

```

```

</div>
<div class="box box5">
  <div class="flex">

    <div id="name">
      <h3 >patrick Abrams</h3>
      <p id="verified" >Verified Graduate</p>
    </div>
  </div>

  <p id="content" class="awesome"><b>Awesome teaching support from TAs who did the box
  themselves. Getting guidance from them and learning from<br>
was esay.</b></p>
  <p id="content"> “ The staff seem genuinely concerned about my progress which I find re:
  gave me the confidence necessary to be able to go out in the world and present myse:
  junior developer. The standard is above the rest. You will get the personal attentio
  an incredible community of smart and amazing people. ”</p>
</div>

</div>
</body>
</html>

```

**And below is the styles I used for the project:**

```
body{

    margin-top: 50px;
}

.container{
    display: grid;
    grid-template-columns: repeat(4, 300px);
    grid-template-rows: repeat(2, 300px);
    margin: auto;
    height: 100vh;
    justify-content: center;

    gap: 20px;

}

.box{
    border: 1px solid black;
    border-radius: 10px ;
    padding: auto;
    margin-left:
}
.box1{
    grid-column: 1/3;
    grid-row:1/2 ;
    background-color: hsl(263, 55%, 52%);

}
.box2{
grid-row:1/2 ;
grid-column:3/4 ;
background-color: hsl(127, 19%, 35%);
}
.box3{
    grid-row-start: 1;
    grid-row-end: 3;
    background-color:hsl(0, 0%, 100%);
}
.box4{
```

```
        background-color:hsl(0, 0%, 100%);
    }
    .box5{
        grid-column: 2/4;
        grid-row:2/2 ;
        background-color: hsl(219, 29%, 14%);
        color: white;
    }
    #avatar{
        width: 40px;
        height: 40px;
        border-radius: 50px;
        margin-top: 18px;
        margin-right: 20px;
    }
```

```
#name{
    display: flex;
    flex-direction: column;
    column-gap: 0;
    padding: 0;
}

#content{
    margin-left: 20px;
    margin-right: 20px;
    justify-content: center

}
```

```
h3{
    margin-bottom:0 ;
}
.awesome{
    font-size: large;
}
.flex{
```

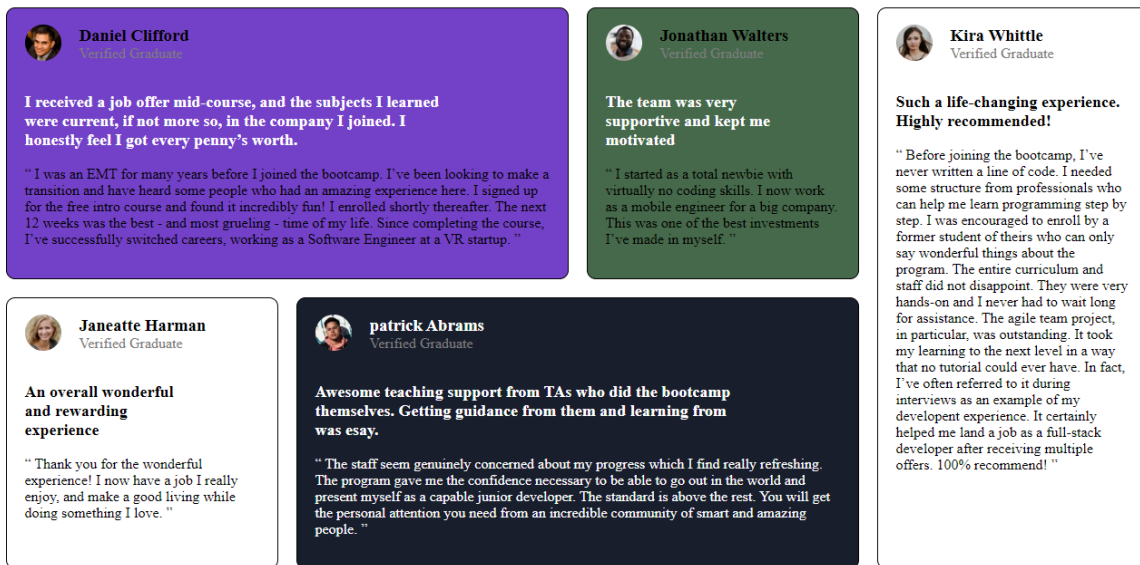


```

display: flex;
flex-direction: row;
margin-left: 20px;
}
#verified{
margin-top: 0;
padding: 0;
color: gray;
}

```

The result for this project was as in the picture below. Go on and try out the code :



Find the materials including colors and fonts for this project here:

<https://www.frontendmentor.io/challenges/testimonials-grid-section-Nnw6J7Un7>