1. **What was the most impactful thing(s) you learned this week and why do you think so?**

**Really have a lot of fun learning about the** grid-auto-flow **property which I think is one of the most powerful properties of the grid because it gives more flexibility and control to the placement of new elements, whether you want CSS to place new elements in new rows (default option) or columns.**

1. **Graphical user interface, text, application

   Description automatically generatedWhat questions do you have about this week's chosen topic(s) and/or exercises (first-time students) or websites you are working on (repeat students)?**

**I was working on the bootstrappy Grid with CSS Variables activity, but it does not work when declaring variables inside :**root{} **inside the** <style> element but that **does not work.**

**Text

Description automatically generatedI tried to find out why, but couldn’t find anything helpful. Only works like this**

1. **Would you like specific feedback from your instructor? If so, what things would you like feedback on? (Please use the Canvas calendar to schedule time to meet with your instructor or attend a study session.)**

**No, thank you!**

1. **Where would you go next to learn more about this week's topic(s)? Give 2-3 links to resources that look promising to help answer the questions you indicated in the quiz question above.**
   * [**https://www.youtube.com/watch?v=yAO5hsNuGZA**](https://www.youtube.com/watch?v=yAO5hsNuGZA)
   * [**https://www.w3schools.com/cssref/pr\_grid-auto-flow.php**](https://www.w3schools.com/cssref/pr_grid-auto-flow.php)
   * [**https://www.w3schools.com/css/css3\_variables.asp**](https://www.w3schools.com/css/css3_variables.asp)
2. **Did you participate with the class on Slack? (You can participate by asking a question, answering a question, or sharing a resource you’ve found. Or you can share your thoughts on what you’re learning this week. Or you can answer any questions your instructor might have given in their announcement.)**

**Yes, I did.**

1. **Please rate your success with learning and this week’s work on a scale of 1 to 4.**

**4**

**.**

**Screenshots and Code:**

* **Recreating CodePen: used the new CodePen version for reference.**

Graphical user interface, text, application

Description automatically generated

html {

  box-sizing: border-box;

  font-family: "Lato", "Lucida Grande", "Lucida Sans Unicode", Tahoma,

    Sans-Serif;

  font-weight: normal;

  color: #272727;

  text-shadow: 0 2px 0 rgba(0, 0, 0, 0.07);

}

\*,

\*:before,

\*:after {

  box-sizing: inherit;

}

body {

  margin: 0;

}

iframe {

  width: 100%;

  height: 100%;

}

h1,

h2,

h3,

h4,

h5,

h6 {

  font-weight: normal;

  margin: 0;

  font-size: 1.5em;

}

.codepen {

  display: grid;

  grid-template-rows: auto 1fr 1fr auto;

  height: 100vh;

  color: white;

}

.codepen >\* {

  border:1px solid black;

}

*/\* Editor! \*/*

.code {

  display:grid;

  grid-template-columns: repeat(3, 1fr);

  background: #1b2b34;

}

.editor {

  display: grid;

  grid-template-rows: auto 1fr;

}

.editor\_\_header {

  display: grid;

  grid-template-columns: auto 1fr auto;

  align-items: center;

  padding: 5px;

  grid-gap: 5px;

  background: rgba(0,0,0,0.1);

}

.editor\_\_code {

  display: grid;

  grid-template-columns: auto 1fr;

}

.editor\_\_number {

  display: block;

  padding: 0 10px;

}

.editor\_\_input {

  resize: none;

  background: none;

  border: 0;

  color: grey;

  font-size: 16px;

  line-height: 19px;

}

*/\* Pen Header \*/*

.pen {

  display: grid;

  grid-template-columns: 1fr;

  grid-auto-flow: column;

  align-items: center;

  grid-gap: 10px;

  background: black;

  border-bottom: 5px solid var(--grey);

  color: white;

  padding: 10px;

}

.preview {

  display: grid;

}

*/\* Buttons \*/*

.button {

  background: var(--grey);

  border: 0;

  color: white;

  padding: 10px;

  border-radius:5px;

  font-size: 15px;

  position: relative;

}

.button--small {

  font-size: 12px;

  padding: 4px;

}

.button--dirty:before {

  background: #ffc600;

  display: block;

  content: '';

  height: 2px;

  width: calc(100% - 6px);

  position: absolute;

  left: 3px;

  top: 3px;

}

.settings {

  padding: 5px;

  background: black;

  border-top: 1px solid grey;

}

* **Bootstrapy Grid with CSS Variables**

A picture containing shape

Description automatically generated

<!DOCTYPE *html*>

<html *lang*="en">

<head>

  <meta *charset*="UTF-8">

  <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

  <meta *http-equiv*="X-UA-Compatible" *content*="ie=edge">

  <title>Bootstrappy Grid with CSS Variables!</title>

  <link *rel*="stylesheet" *href*="../assets/style.css">

</head>

<body>

  <div *class*="grid" *style*="--columns: 10;">

    <div *class*="item">1</div>

    <div *class*="item" *style*="--span: 7;">

    <div *class*="grid" *style*="--columns: 2;">

      <div *class*="item">1</div>

      <div *class*="item">2</div>

    </div>

  </div>

  <div *class*="item">3</div>

  <div *class*="item">4</div>

  </div>

  <style>

*/\*Tried to declared varialbles using but it did not work\*/*

*/\* :root {*

*} \*/*

    .grid {

      display: grid;

      grid-gap: 20px;

*/\* The repeat property has to values, if the first value is not specified,*

*The second one will be displayed instead \*/*

      grid-template-columns: repeat(var(--columns, 12), minmax(0, 1fr));

    }

    .item {

      --span: 1;

      min-width: 0;

      width: 100%;

      grid-column: span var(--span);

    }

  </style>

</body>

</html>