

W5-S2 PRACTICE


CSS GRID LAYOUT

 *At the end of this practice, you should be able to...*


- ✓ Identify the best **CSS grid approach** in different use cases
- ✓ From mockups to CSS grid layout

 *How to work?*

- ✓ Download **the start code** from the LMS
- ✓ Open the folder in VS Code

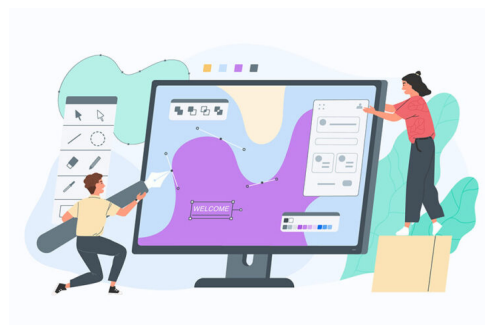
 *How to submit?*

- ✓ **Push** your final code on **your GitHub repository**
- ✓ Then **attach the GitHub path** to the MS Team assignment and **turn it in**

 *Are you lost?*

You can read the following documentation to be ready for this practice:

- ✓ [Guide - WC3 School](#)
- ✓ [Read our amazing book!](#)
- ✓ [Learn CSS Grid in 20 minutes !](#)
- ✓ [Check the Grid handout!](#)



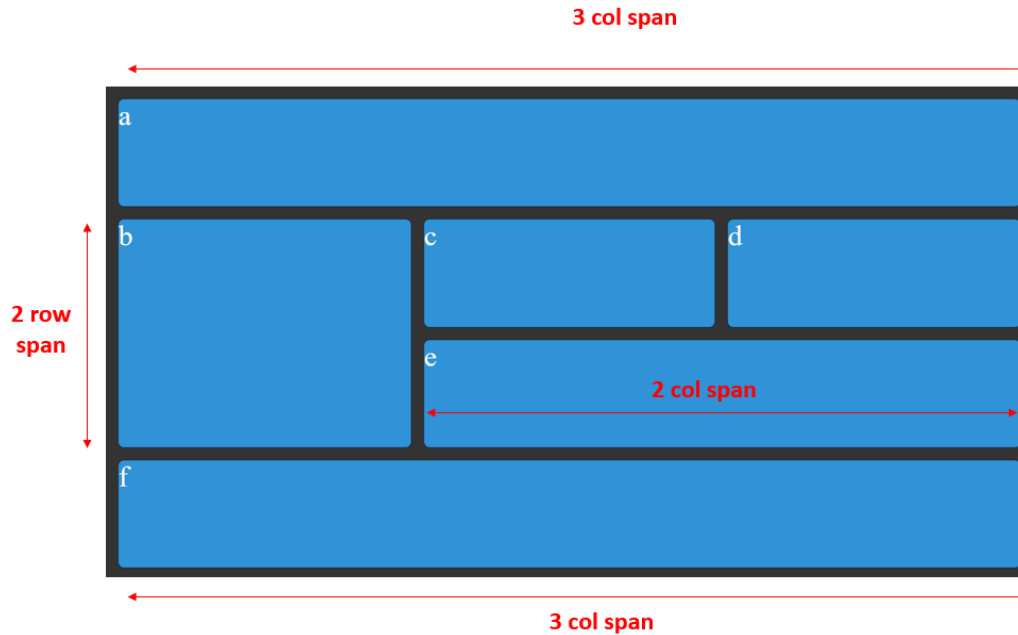
EXERCISE 1: The Basics!



Start code is provided for this exercise!

Using **grid layout**, build the layout pictured below.

We want a gap of 20px between each item (horizontally and vertically)



Are you lost?

TIP 1 - Here are the CSS properties involved in this exercise:

- `grid-template-columns`
- `grid-template-rows`
- `grid-column`
- `grid-row`
- `display`
- `gap`

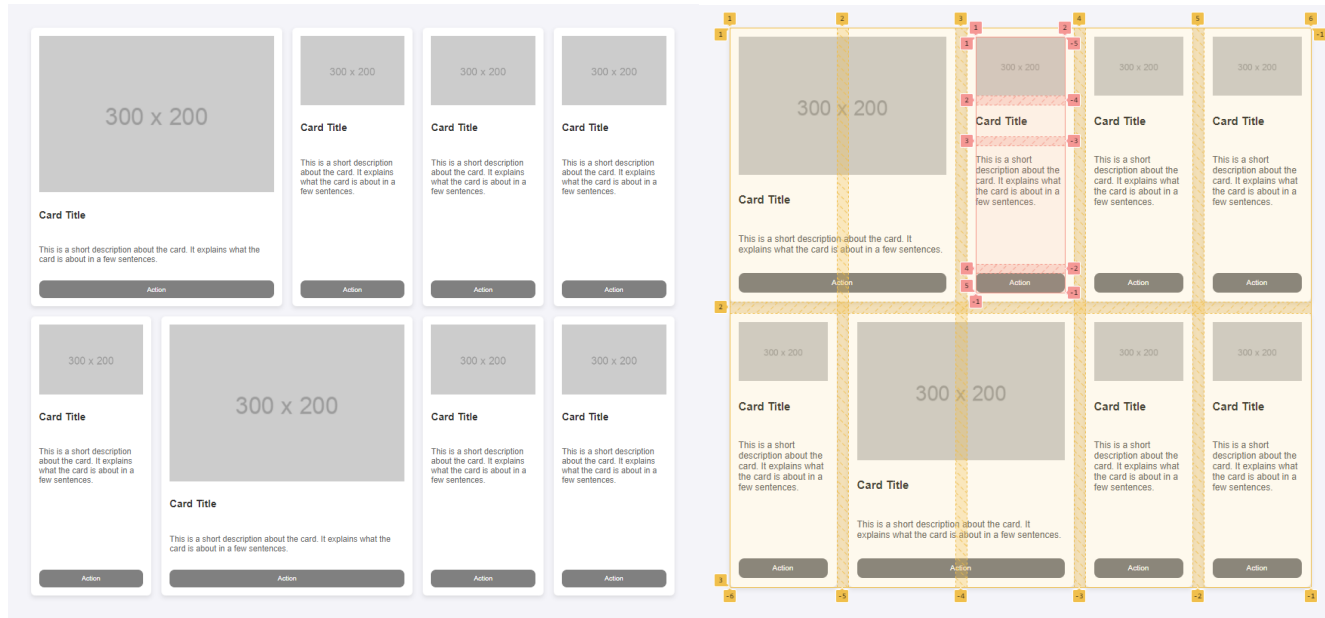
EXERCISE 2: Nested Grids!



Start code is provided for this exercise!

Using **2 grid layouts**, build the layout pictured below.

- 1 grid to layout the **card container**
- 1 grid to layout the **card**



Notes

- Some cards span on 2 columns (*class span2*)
- Buttons should be vertically align with other button cards

EXERCISE 3: Responsiveness with grid layout



Start code is provided for this exercise!

We want to add a bit of responsiveness to our page.

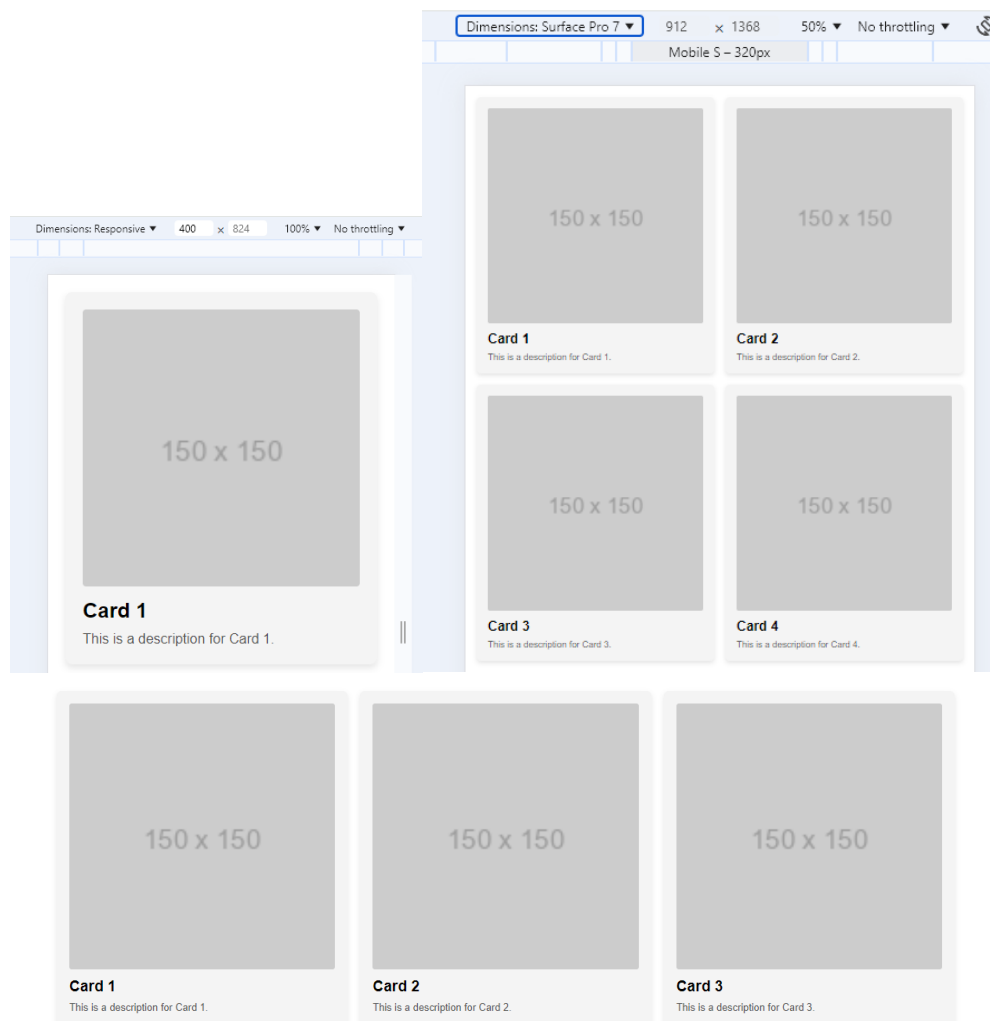
What is responsiveness and how to implement it with grid layout? Check out this link!

<https://travishorn.com/responsive-grid-in-2-minutes-with-css-grid-layout-4842a41420fe>

The layout should display a single-column card on small screens (mobile) and a multi-column card layout on larger screens (tablet/desktop).

- Phone (by default) 1 column of cards
- Tablets (> 601px): 2 columns of cards
- Extra-large screens (> 1024px): 3 columns of cards

TODO: Add the needed media queries to change the grid layout, according to the device

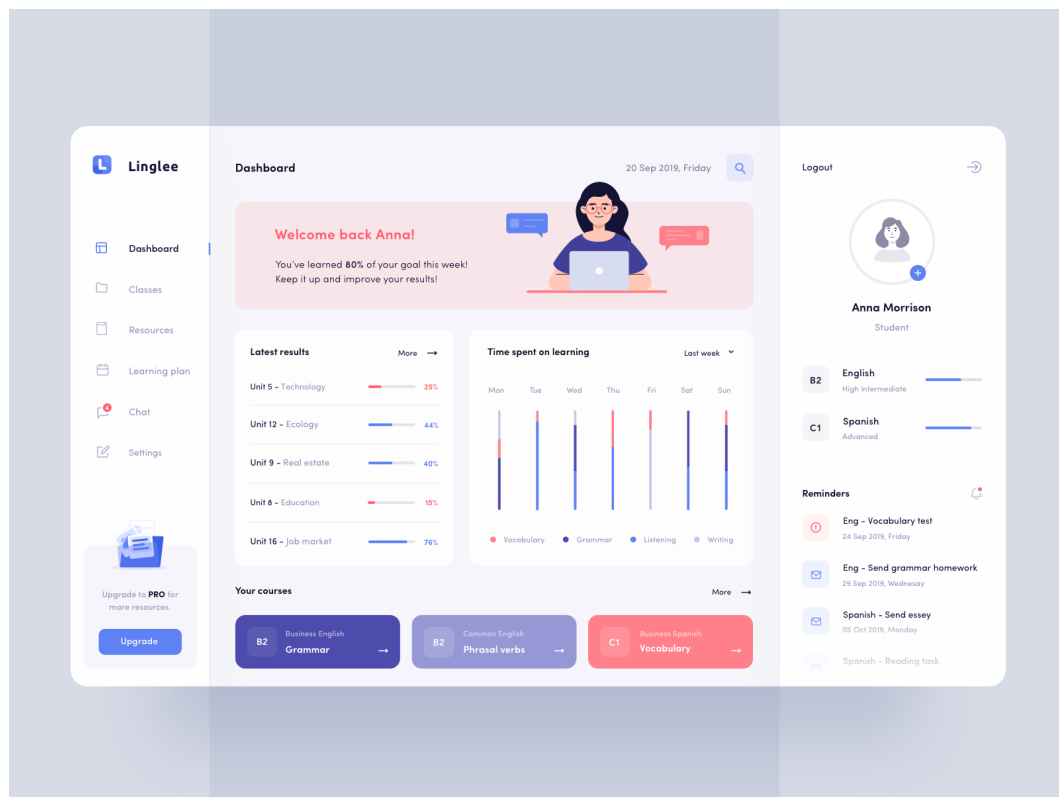


EXERCISE 4

Create a responsive **dashboard layout** using either **CSS Flexbox** or **CSS Grid**. The dashboard should be visually appealing and functional, adapting to various screen sizes.

This is a freestyle exercise, so you can express your creativity!!!

Note: we will ask you to explain your CSS strategy during the next review session. Be prepared to explain it.



Example of dashboard