

### Challenge 01

#### Description

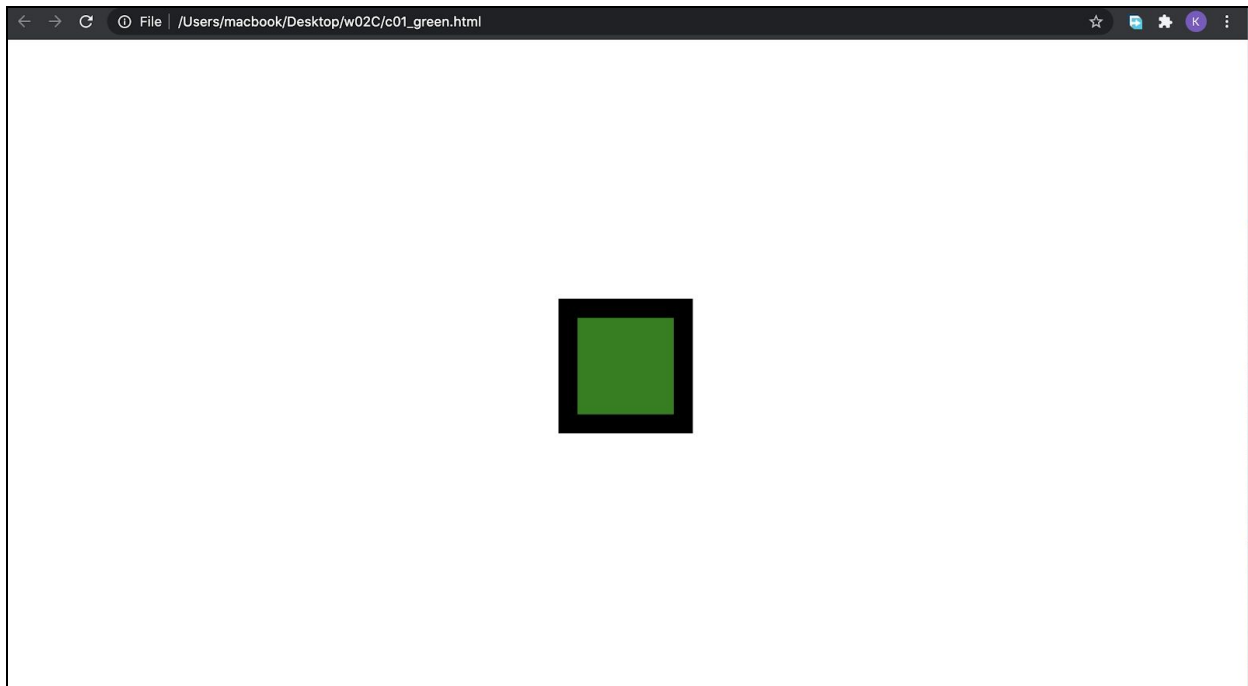
Create a green square that must be align vertically and horizontally

#### Requirements :

- height and width : 100px
- border 20 px with black color
- the square background color must be green

#### Requirements

|           |                                      |
|-----------|--------------------------------------|
| File name | c01_green.html                       |
| File path | ZV_01_username/week02/c01_green.html |



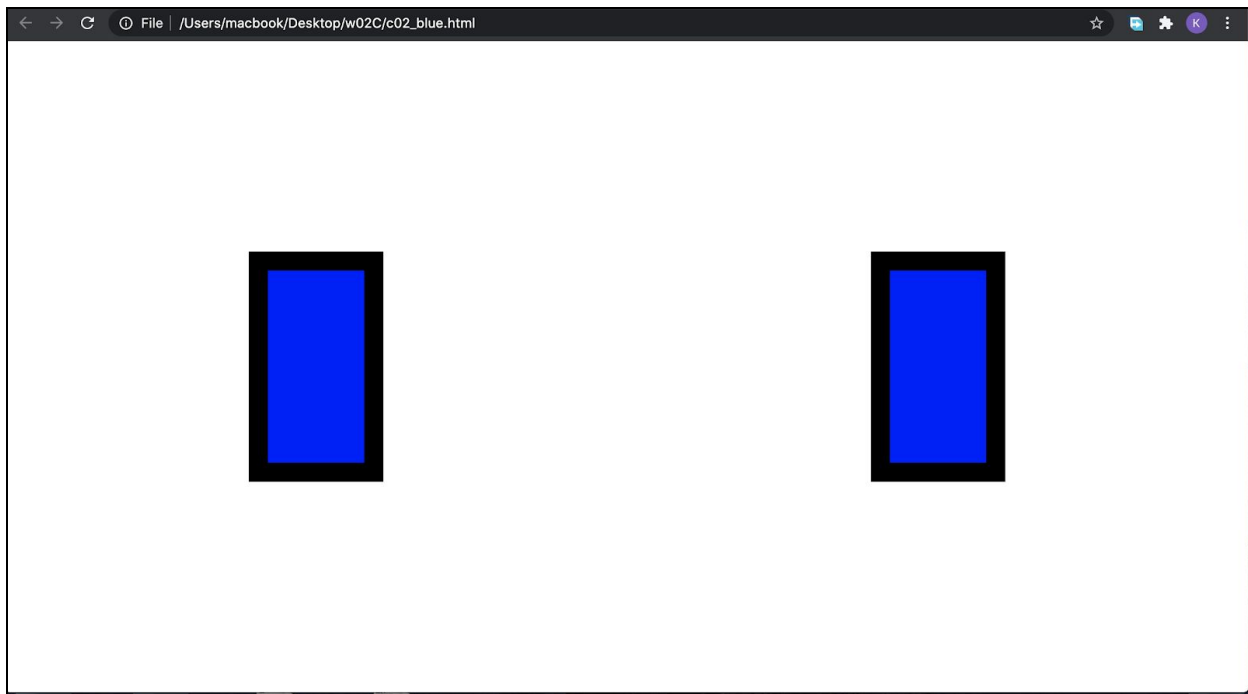
### Challenge 02

#### Description

Create two blue rectangles that must be both vertically align but this time with one on the left and one on the right. They have to be at 25% from their respective borders.

#### Requirements:

- height 200px and width 100px
- border 20px with black color
- background color must be blue



#### Requirements

|           |                                     |
|-----------|-------------------------------------|
| File name | c02_blue.html                       |
| File path | ZV_01_username/week02/c02_blue.html |

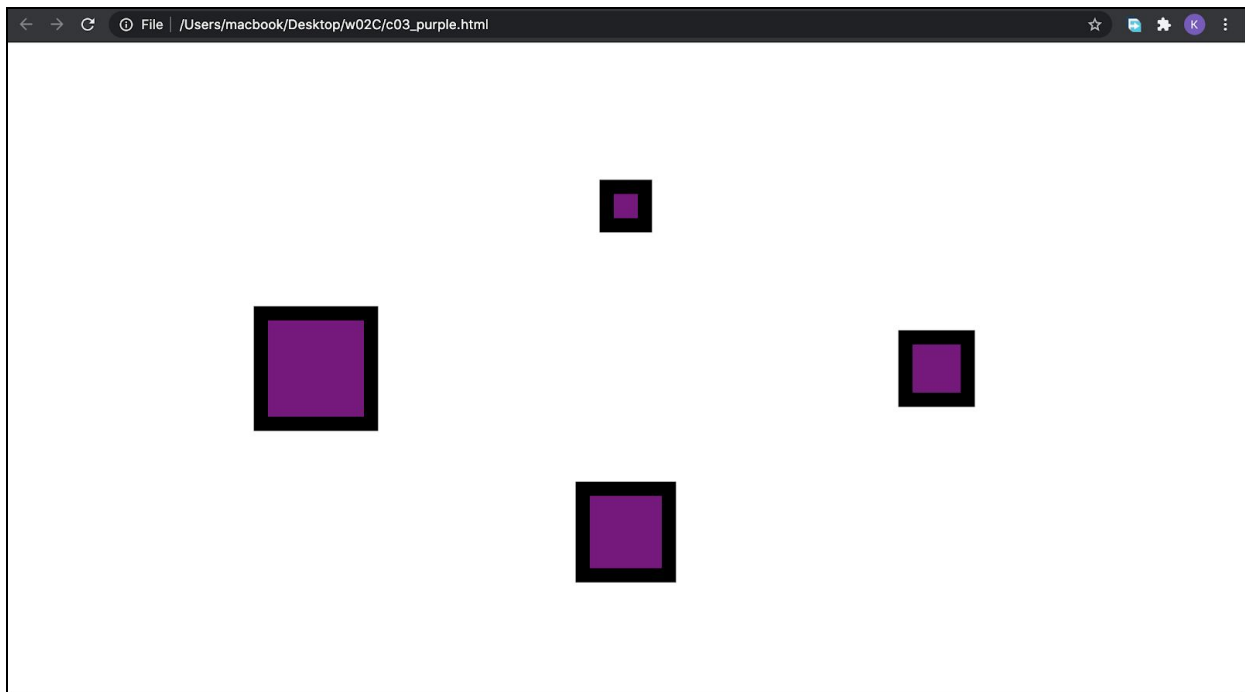
### Challenge 03

#### Description

Create 4 purple square that must be centered as the image below ( 25% for each )

#### Requirements :

- size : up 25px right 50px down 75px left 100px
- border 15 px with black border



#### Requirements

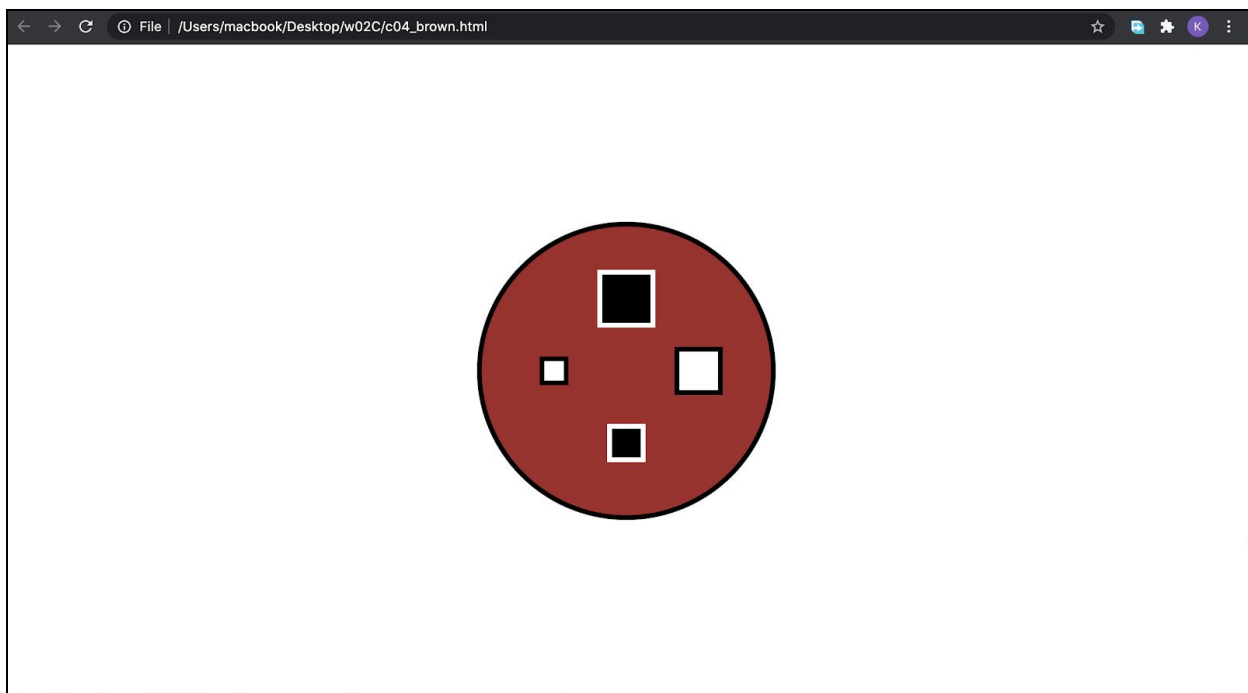
|           |                                       |
|-----------|---------------------------------------|
| File name | c03_purple.html                       |
| File path | ZV_01_username/week02/c03_purple.html |

### Challenge 04

#### Description

Create 1 brown circle centered in the screen with a diameter of 300px. The circle will contain 4 squares with the following size : 50px, 40px, 30px and 20px

All the border will be 5px, for the colors and size watch the screenshot below



#### Requirements

|           |                                      |
|-----------|--------------------------------------|
| File name | c04_brown.html                       |
| File path | ZV_01_username/week02/c04_brown.html |

### Challenge 05

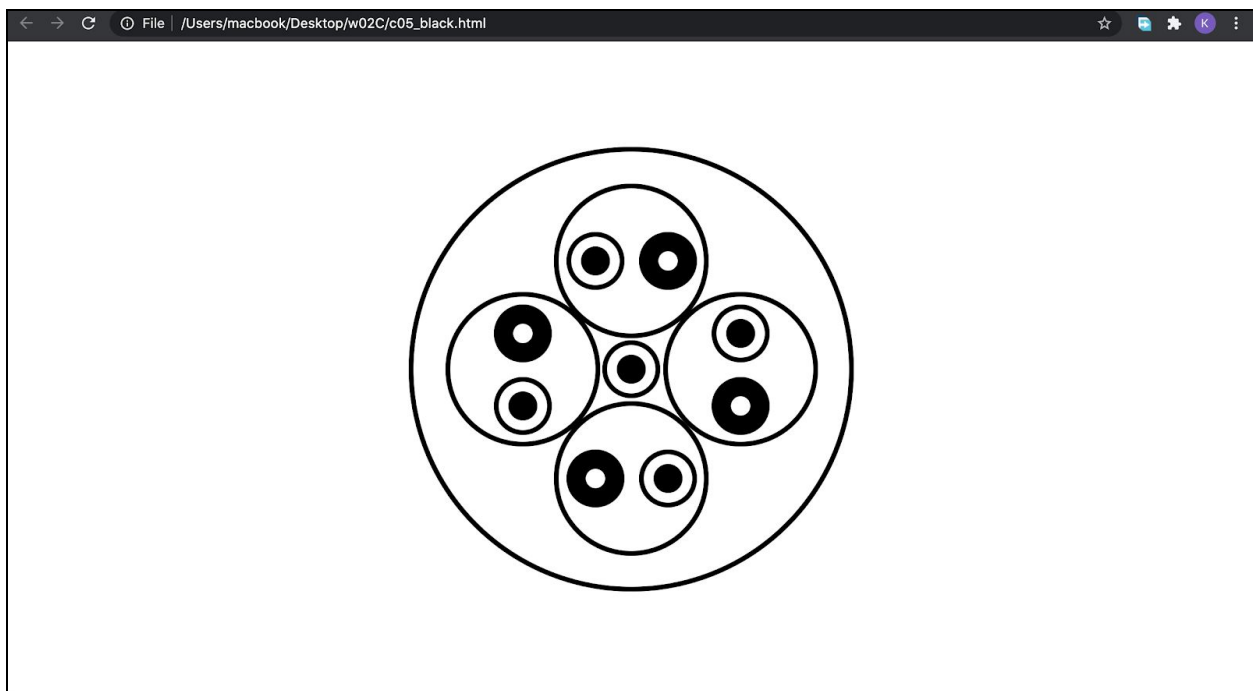
#### Description

For this challenge, you will have to use your observation skills and logic to reproduce PERFECTLY the figure below.

The main circle size is 250px, the mediums are 150px, the small are 50px and finally the very small are 20px. Every circle have a black solid border of 5px

There are 23 circles in total : 1 big, 4 mediums, 9 small and 9 very small

Make sure you forget none of them and have fun for this challenge!



#### Requirements

|           |                                      |
|-----------|--------------------------------------|
| File name | c05_black.html                       |
| File path | ZV_01_username/week02/c05_black.html |

## Challenge 06

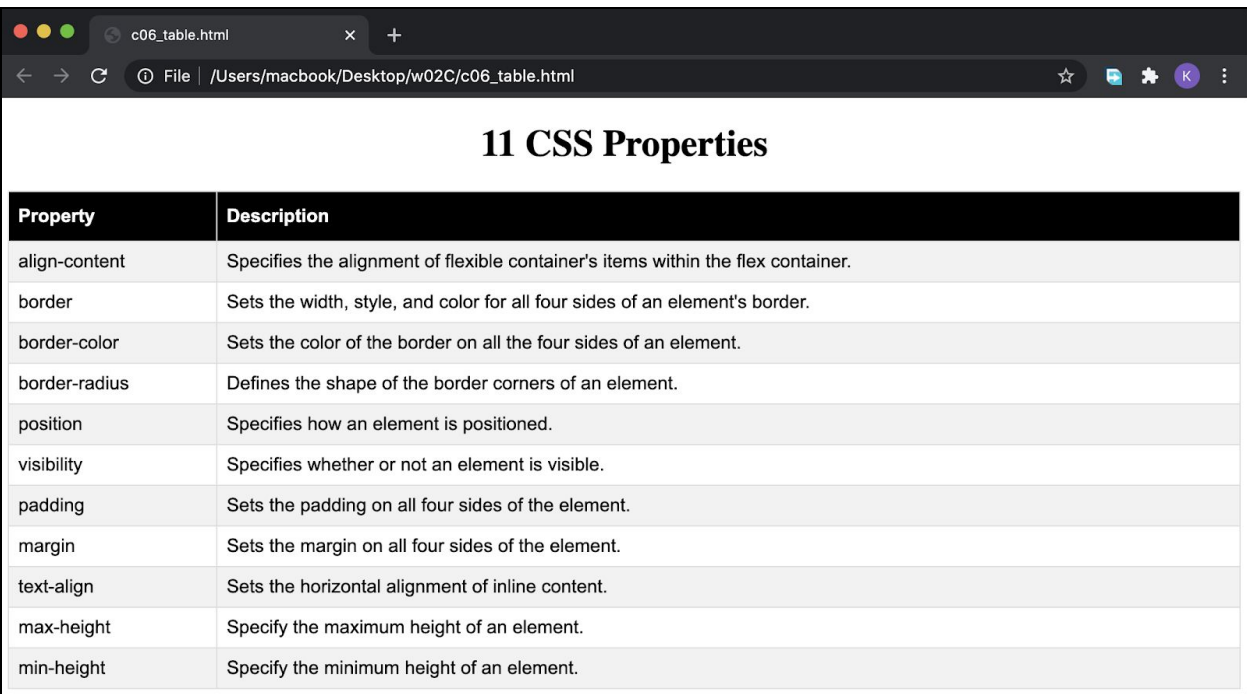
### Description

In this challenge, you will create a table with two columns ( Property and Description )  
Your table will contain 11 rows with the content below. You will also have a h1 title that is horizontally align with the text : **"11 CSS Properties"**

### Requirements :

Your table should look as close as possible to the screenshot below  
Your table rows should have hover effect that will change the color of the row when your mouse cursor is hovering a row (it will change with the color you want)

Last thing : You will lose 1 point for every mistake in the descriptions so be careful :)



The screenshot shows a web browser window with the title 'c06\_table.html'. The address bar shows the file path: /Users/macbook/Desktop/w02C/c06\_table.html. The main content of the page is a table with the title '11 CSS Properties' centered above it. The table has two columns: 'Property' and 'Description'. It contains 11 rows of data, each with a CSS property and its description. The rows are: align-content, border, border-color, border-radius, position, visibility, padding, margin, text-align, max-height, and min-height. The table has a dark header and alternating light and dark gray rows for the data.

| Property      | Description  |
|---------------|--|
| align-content | Specifies the alignment of flexible container's items within the flex container. |
| border        | Sets the width, style, and color for all four sides of an element's border.      |
| border-color  | Sets the color of the border on all the four sides of an element.                |
| border-radius | Defines the shape of the border corners of an element.                           |
| position      | Specifies how an element is positioned.  |
| visibility    | Specifies whether or not an element is visible.                                  |
| padding       | Sets the padding on all four sides of the element.                               |
| margin        | Sets the margin on all four sides of the element.                                |
| text-align    | Sets the horizontal alignment of inline content.                                 |
| max-height    | Specify the maximum height of an element.  |
| min-height    | Specify the minimum height of an element.  |

### Requirements

|           |                                      |
|-----------|--------------------------------------|
| File name | c06_table.html                       |
| File path | ZV_01_username/week02/c06_table.html |

### Challenge 07

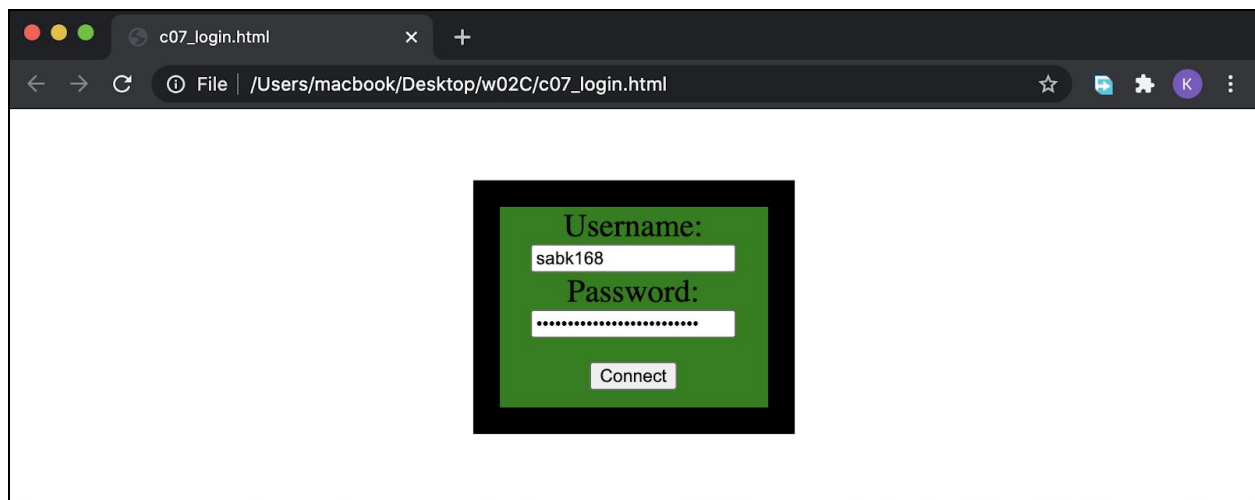
#### Description

Remember c01\_green.html challenge? You are going to do the same but this time: height will be 150px and width 200px for the others requirements nothing changed.

Then you will add a form as below with username & password label.  
When the user type the password it must be hidden (with dot or star symbols)

Finally you will have a connect button that will not work for the moment as we don't have PHP or Javascript ready yet but it's ok!

BE CAREFUL : This challenge must respect ALL the requirements from challenge 01 except for the height and width that has been updated.



#### Requirements

|           |                                      |
|-----------|--------------------------------------|
| File name | c07_login.html                       |
| File path | ZV_01_username/week02/c07_login.html |

### Challenge 08

#### Description

If you managed to do all the challenges above you deserve a small break. So for this challenge you will have to make a copy of the last challenge ( c07\_login.html ) and then make it pretty!

Use your imagination and creativity to rethink this little login box!

You are free to do any modification you want as long as :

- The box with the form is centered both vertically and horizontally
- Login form should have username and password label, and password should be not visible when typed (should have dot or star characters)
- Your connect button design MUST be updated
- Your username input must contain a placeholder with username value

#### BONUS ( 5 extra points )

When the user will click on the connect button, you will open an alert box using Javascript. The box will display the following message :

"Server is not ready yet, please come back later!"

WARNING : Your bonus will be accepted ONLY if your challenge 08 respects the requirements mentioned above and if your design is a bit better than challenge 07.

#### Requirements

|           |                                       |
|-----------|---------------------------------------|
| File name | c08_login2.html                       |
| File path | ZV_01_username/week02/c08_login2.html |

**This is the end of the WEEK 02 challenge PART 01**  
**Take time to review EVERYTHING before it's too late!**