## Homework / Terminology & Definitions (CSS) Clémence TAN (group B)

- 1. What are the main differences between external, internal, and inline CSS? (pptx p38)
- => external CSS : the CSS is linked via a separated css file, with the css link declared inside the <head> element of the html file
- => **internal CSS**: the CSS is linked via the <style> element declared inside the <head> element of the html file
- => inline CSS: the CSS is declared directly in the html element line, like this: | am green.
- 2. What is the syntax for class and ID selectors?
- => class : .
- => ID :#
- 3. How would you apply a single rule to two different selectors?
- => for example : (the same color applied to two different selectors)

```
div, p {
    color: #f00;
}
```

**4.** Given an element that has an id of title and a class of primary, how would you use both attributes for a single rule?

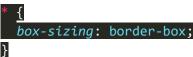
```
#title, .primary {
    color: #f00;
}
```

- 5. What does the descendant combinator do? (pptx p15)
- => A descendant combinator will only cause elements that match the last selector to be selected. The example below, only the .child will be affected

```
.grandparent .child {
  color: pink;
}
```

- **6.** Between a rule that uses one **class** selector and a rule that uses three **type** selectors, which rule has the higher specificity?
- => class selector
- **7.** From inside to outside, what is the order of box-model properties?
- $\Rightarrow$  (content)  $\Rightarrow$  padding  $\Rightarrow$  border  $\Rightarrow$  margin
- 8. What does the box-sizing CSS property do?
- => It sets how the total width and height of an element is calculated.
- 9. What is the difference between the standard and alternative box model?
- => the standard box is the default, where a declaration of the width and height properties only defines the width and height of the content box.

=> the alternative box is settled by using :



- **10.** Would you use margin or padding to create more space between 2 elements? (pptx p43) => margin
- **11.** Would you use margin or padding to create more space between the contents of an element and its border? **(pptx p43)**
- => padding
- **12.** Would you use margin or padding if you wanted two elements to overlap each other? => padding
- 13. What is the difference between a block element and an inline element?
- => block element starts from a new line and cover the entire horizontal space
- => <u>inline element</u> covers only the area which is bounded by the tags in the HTML element and never start from the new line
- 14. What is the difference between an inline element and an inline-block element?
- => <u>inline element</u> covers only the area which is bounded by the tags in the HTML element and never start from the new line
- => <u>inline-block element</u> displays an element as an inline-level block container (ie. 3 blocks in a line)
- 15. Is an h1 block or inline?
- => block
- 16. Is button block or inline?
- => inline
- 17. Is div block or inline?
- => block
- 18. Is span block or inline?
- => inline
- 19. What's the difference between a flex container and a flex item?
- => a flex container contains flex items
- => but a flex item can also be a flex container itself
- **20.** How do you create a flex item?
- => we will need to turn the parent of the flex item into a flex container, by typing : display : flex

- **21.** What are the 3 values defined in the shorthand flex property?
- $\Rightarrow$  flex-grow  $\Rightarrow$  flex-shrink  $\Rightarrow$  flex-basis
- **22.** How do you make flex items arrange themselves vertically instead of horizontally?
- => by declaring its parent as a flex container + flex-direction: column;
- **23.** What is the difference between justify-content and align-items?
- => justify-content handles alignment of all items on the main axis
- => align-item handles alignment of all items on the cross axis
- 24. How do you use flexbox to completely center a div inside a flex container?
- => justify-conter : center
- **25.** What's the difference between justify-content: space-between and justify-content: space-around?
- => justify-content: space-between: this distributes items evenly, with the 1st item flushed with the start and the last item flushed ith the end
- => justify-content: space-around : this distributes items evenly, items have a hal-size space on either end