**ASSIGNMENT-1-CSS**

**1.** **What are the main differences between external, internal, and inline CSS?**

**To style a specific HTML element, use inline CSS. Internal CSS is used to style a specific HTML page. External CSS is used to change the look of an entire website by changing just one file. Using the style attribute, inline CSS can be written.**

**2.** What is the syntax for class and ID selectors**?**

**A class selector in CSS is a name that is followed by a full stop ( . ), and an ID selector is a name that is followed by a hash ( # ).**

**3.** **how would you apply a single rule to two different selectors?**

When you **group CSS selectors**, you apply the same styles to several different elements without repeating the styles in your stylesheet. Instead of having two, three, or more CSS rules that do the same thing (set the color of something to red, for example), you use a single CSS rule that accomplishes the same thing.

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?

Hash (#) followed by the name of the ID then a punctuation mark “Comma” ( , ) then ( . ) and the name of the class.

5. What does the descendant combinator do?

A descendant selector finds all elements that are related to a particular element.

6. Between a rule that uses one class selector and a rule that uses three type selectors, which rule has the higher specificity?

The selector for class.

7. From inside to outside, what is the order of box-model properties?

The content, padding, border and margin.

8. What does the box-sizing CSS property do?

It controls how an element's overall width and height are calculated.

9. What is the difference between the standard and alternative box model?

The box model, the size of the border is added to the width and height of the content box. If you are using.

The alternative box model and the size of the border makes the content box smaller as it takes up some of that available width and height of the element box.

10. Would you use margin or padding to create more space between 2 elements?

**Margin.**

11. Would you use margin or padding to create more space between the contents of an element and its border?

Padding.

12. Would you use margin or padding if you wanted two elements to overlap each other?

Margin.

13. What is the difference between a block element and an inline element?

Block elements always begin on a new line.

No inline element ever begins on a new line.

14. What is the difference between an inline element and an inline-block element?

Inline The element doesn't start on a new line.

inline-block It's formatted just like the inline element, where it doesn't start on a new line. BUT, you can set width and height values.

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?

Block.

19. What’s the difference between a flex container and a flex item?

A flex container is an HTML element whose display property's value is flex or inline-flex .

Flex items are the direct children of a flex container.

20. How do you create a flex item?

Make the parent container Flex and set a child inside the container.

21. What are the 3 values defined in the shorthand flex property?

Flex-grow and flex-shrink and flex-basis.

22. How do you make flex items arrange themselves vertically instead of horizontally?

Flex-direction: column.

23. What is the difference between justify-content and align-items?

All items on the main axis are aligned according to the setting justify-content.

All items on the cross axis are aligned according to the align-items command.

24. How do you use flexbox to completely center a div inside a flex container?

**display: flex; align-items: center; justify-content: center; .**

25. What’s the difference between justify-content: space-between and justify-content: space-around?

Space-around – places items with space distributed evenly around the start and end of the list.

Space-between – evenly distributes space items between the first item is set at the start of the container, and the last item is set at the end.