**CSS**

Easy

1. **What does CSS stand for?**
   * A) Computer Style Sheets
   * B) Cascading Style Sheets
   * C) Creative Style Sheets
   * D) Colorful Style Sheets  
     **Answer:** B) Cascading Style Sheets
2. **What is the difference between inline, block, and inline-block elements?**
   * A) Inline elements cannot have height or width
   * B) Block elements are displayed inline
   * C) Inline-block elements are like block but behave like inline
   * D) All of the above  
     **Answer:** D) All of the above
3. **How do you link an external CSS file to an HTML document?**
   * A) <link rel="stylesheet" href="styles.css">
   * B) <style href="styles.css">
   * C) <script src="styles.css"></script>
   * D) <import href="styles.css">  
     **Answer:** A) <link rel="stylesheet" href="styles.css">
4. **What is the default value of the display property for <div> elements?**
   * A) block
   * B) inline
   * C) inline-block
   * D) none  
     **Answer:** A) block
5. **How do you select an element with the class example in CSS?**
   * A) .example
   * B) #example
   * C) example
   * D) \*example\*  
     **Answer:** A) .example
6. **How do you select an element with the ID example in CSS?**
   * A) .example
   * B) #example
   * C) example
   * D) \*example\*  
     **Answer:** B) #example
7. **What is the purpose of the float property in CSS?**
   * A) To make elements inline
   * B) To remove an element from the document flow
   * C) To make an element visible
   * D) To create multi-column layouts  
     **Answer:** B) To remove an element from the document flow
8. **What is the difference between the padding and margin properties?**
   * A) Padding is the space inside the element, margin is the space outside
   * B) Margin is the space inside the element, padding is the space outside
   * C) Both have the same function
   * D) Both set the border width  
     **Answer:** A) Padding is the space inside the element, margin is the space outside
9. **How can you center a block-level element horizontally using CSS?**
   * A) margin: auto;
   * B) text-align: center;
   * C) display: center;
   * D) center-align: true;  
     **Answer:** A) margin: auto;
10. **How do you add a background color to a webpage using CSS?**
    * A) background: red;
    * B) color: red;
    * C) background-color: red;
    * D) bgcolor: red;  
      **Answer:** C) background-color: red;
11. **What is the difference between position: absolute and position: relative?**
    * A) absolute positions an element relative to its closest positioned ancestor, relative positions it relative to its normal position
    * B) relative positions an element relative to its closest positioned ancestor, absolute positions it relative to its normal position
    * C) Both behave the same
    * D) relative positions it outside the document flow  
      **Answer:** A) absolute positions an element relative to its closest positioned ancestor, relative positions it relative to its normal position
12. **What does the z-index property do in CSS?**
    * A) It sets the stacking order of elements
    * B) It sets the opacity of an element
    * C) It adjusts the element's size
    * D) It makes an element visible  
      **Answer:** A) It sets the stacking order of elements
13. **How do you create a border around an element in CSS?**
    * A) border: 1px solid black;
    * B) border: dashed 1px black;
    * C) border: 1px black;
    * D) border-style: solid;  
      **Answer:** A) border: 1px solid black;
14. **What is the purpose of the box-sizing property in CSS?**
    * A) To control how the width and height of elements are calculated
    * B) To add space inside the box
    * C) To set the box size to auto
    * D) To set the display property  
      **Answer:** A) To control how the width and height of elements are calculated
15. **How do you change the font size of text in CSS?**
    * A) font-size: 12px;
    * B) text-size: 12px;
    * C) font-style: 12px;
    * D) text-font: 12px;  
      **Answer:** A) font-size: 12px;
16. **What is the purpose of the visibility property in CSS?**
    * A) To hide an element but still leave space for it
    * B) To remove an element from the document flow
    * C) To change the color of the element
    * D) To change the size of the element  
      **Answer:** A) To hide an element but still leave space for it
17. **How do you make a text bold in CSS?**
    * A) font-weight: bold;
    * B) text-weight: bold;
    * C) font-style: bold;
    * D) text-style: bold;  
      **Answer:** A) font-weight: bold;
18. **What is the difference between visibility: hidden and display: none?**
    * A) visibility: hidden hides the element but it still takes up space, display: none hides the element and removes it from the document flow
    * B) visibility: hidden removes the element from the document flow, display: none hides it
    * C) Both behave the same
    * D) visibility: hidden shows the element, display: none removes it  
      **Answer:** A) visibility: hidden hides the element but it still takes up space, display: none hides the element and removes it from the document flow
19. **How can you make text uppercase in CSS?**
    * A) text-transform: uppercase;
    * B) transform: uppercase;
    * C) font-transform: uppercase;
    * D) text-style: uppercase;  
      **Answer:** A) text-transform: uppercase;
20. **How do you apply a style to all <p> tags in CSS?**
    * A) p { ... }
    * B) all p { ... }
    * C) p-tag { ... }
    * D) \*p { ... }  
      **Answer:** A) p { ... }
21. **Which CSS property is used to control the spacing between the lines of text?**
    * A) line-height
    * B) letter-spacing
    * C) word-spacing
    * D) spacing  
      **Answer:** A) line-height
22. **How do you remove the bullet points from a list in CSS?**
    * A) list-style-type: none;
    * B) list-style: none;
    * C) bullets: none;
    * D) none;  
      **Answer:** A) list-style-type: none;
23. **How can you add a shadow to text in CSS?**
    * A) text-shadow: 2px 2px 5px gray;
    * B) box-shadow: 2px 2px 5px gray;
    * C) shadow: 2px 2px 5px gray;
    * D) shadow-effect: 2px 2px 5px gray;  
      **Answer:** A) text-shadow: 2px 2px 5px gray;
24. **Which property is used to change the font family in CSS?**
    * A) font-family
    * B) font-style
    * C) font-size
    * D) font-family-name  
      **Answer:** A) font-family
25. **How do you make an element's content scrollable?**
    * A) overflow: scroll;
    * B) scroll: true;
    * C) overflow-x: scroll;
    * D) scroll-content: true;  
      **Answer:** A) overflow: scroll;

Medium level

 **Which of the following properties can be used to center an element both horizontally and vertically?**

* A) position: absolute; margin: auto;
* B) display: flex; justify-content: center; align-items: center;
* C) float: left;
* D) position: relative; top: 50%; left: 50%; **Answer:** B) display: flex; justify-content: center; align-items: center;

 **What does the opacity property do in CSS?**

* A) Changes the visibility of an element
* B) Makes the background of an element transparent
* C) Sets the transparency level of an element
* D) Hides the element from the page  
  **Answer:** C) Sets the transparency level of an element

 **How can you prevent an element from being selected with the mouse?**

* A) user-select: none;
* B) pointer-events: none;
* C) visibility: hidden;
* D) select: none;  
  **Answer:** A) user-select: none;

 **Which CSS property controls the space between characters in a text?**

* A) line-height
* B) letter-spacing
* C) word-spacing
* D) text-indent  
  **Answer:** B) letter-spacing

 **How do you specify the size of the background image in CSS?**

* A) background-size: cover;
* B) background-position: center;
* C) background-image: auto;
* D) background-fit: cover;  
  **Answer:** A) background-size: cover;

 **What is the purpose of the @media rule in CSS?**

* A) To apply styles for specific screen sizes and devices
* B) To add external CSS files to the page
* C) To create animations
* D) To define global styles  
  **Answer:** A) To apply styles for specific screen sizes and devices

 **Which of the following is the correct CSS syntax for setting the width of an element to 100 pixels?**

* A) width: 100px;
* B) width: 100%;
* C) width: auto;
* D) width: 100vw;  
  **Answer:** A) width: 100px;

 **How do you add space between elements in a flex container?**

* A) justify-content: space-between;
* B) align-items: space-between;
* C) margin: space-between;
* D) padding: space-between;  
  **Answer:** A) justify-content: space-between;

 **Which of the following CSS properties is used to create a flex container?**

* A) display: grid;
* B) display: flex;
* C) display: inline-block;
* D) display: table;  
  **Answer:** B) display: flex;

 **What is the purpose of the overflow property in CSS?**

* A) To hide the content of an element
* B) To scroll the content of an element
* C) To control the behavior of content that overflows its container
* D) To align content inside an element  
  **Answer:** C) To control the behavior of content that overflows its container

 **Which property is used to create a shadow around an element in CSS?**

* A) box-shadow
* B) text-shadow
* C) shadow-effect
* D) shadow-style  
  **Answer:** A) box-shadow

 **How do you create a CSS grid layout with three equal columns?**

* A) display: grid; grid-template-columns: 1fr 1fr 1fr;
* B) display: flex; flex-wrap: wrap;
* C) display: grid; grid-template-columns: 33% 33% 33%;
* D) display: block; width: 33%;  
  **Answer:** A) display: grid; grid-template-columns: 1fr 1fr 1fr;

 **Which property is used to add space between the content and the border of an element?**

* A) padding
* B) margin
* C) border-spacing
* D) outline  
  **Answer:** A) padding

 **What does display: none do to an element?**

* A) It hides the element without removing it from the document flow
* B) It hides the element and removes it from the document flow
* C) It hides the element but still takes up space
* D) It makes the element visible only when hovered over  
  **Answer:** B) It hides the element and removes it from the document flow

 **What is the default value of the position property for most elements?**

* A) static
* B) relative
* C) absolute
* D) fixed  
  **Answer:** A) static

 **How do you make an element stick to the top of the screen when scrolling?**

* A) position: fixed; top: 0;
* B) position: absolute; top: 0;
* C) position: relative; top: 0;
* D) position: sticky; top: 0;  
  **Answer:** D) position: sticky; top: 0;

 **Which of the following CSS properties controls the background color of a table header?**

* A) table-header-color
* B) background-color
* C) color
* D) border-color  
  **Answer:** B) background-color

 **What is the correct CSS syntax for making a hyperlink text red?**

* A) a { color: red; }
* B) a:link { color: red; }
* C) a { text-color: red; }
* D) a { font-color: red; }  
  **Answer:** A) a { color: red; }

 **Which CSS property is used to set the space between lines of text?**

* A) letter-spacing
* B) line-height
* C) text-align
* D) font-size  
  **Answer:** B) line-height

 **How do you create a rounded border for an element in CSS?**

* A) border-radius: 10px;
* B) border-style: rounded;
* C) border-corner: 10px;
* D) border-curve: 10px;  
  **Answer:** A) border-radius: 10px;

 **Which of the following is used to create a smooth scrolling effect for a webpage?**

* A) scroll-behavior: smooth;
* B) scroll-smooth: true;
* C) smooth-scroll: true;
* D) behavior: smooth;  
  **Answer:** A) scroll-behavior: smooth;

 **Which of the following CSS properties is used to control the order of items in a flex container?**

* A) order
* B) flex-order
* C) flex-direction
* D) align-items  
  **Answer:** A) order

 **How do you hide an element but still take up space in the layout?**

* A) visibility: hidden;
* B) display: none;
* C) opacity: 0;
* D) position: absolute;  
  **Answer:** A) visibility: hidden;

 **How do you make a column in CSS grid span multiple columns?**

* A) grid-column: span 2;
* B) grid-column: 2;
* C) span-columns: 2;
* D) column-span: 2;  
  **Answer:** A) grid-column: span 2;

 **How can you set the text of a button to be uppercase using CSS?**

* A) button { text-transform: uppercase; }
* B) button { font-transform: uppercase; }
* C) button { case: upper; }
* D) button { text-case: uppercase; }  
  **Answer:** A) button { text-transform: uppercase; }

Difficult

 **Which of the following CSS properties is used to create a CSS grid with named grid lines?**

* A) grid-template-columns: repeat(3, 1fr);
* B) grid-template-areas: "header main footer";
* C) grid-template-rows: 1fr 2fr 3fr;
* D) grid-template-columns: 100px auto;  
  **Answer:** B) grid-template-areas: "header main footer";

 **What does box-sizing: border-box; do?**

* A) Includes padding and border in the element's total width and height
* B) Sets the box model to be the border box by default
* C) Excludes padding and border in the element's width and height
* D) Changes the size of the border  
  **Answer:** A) Includes padding and border in the element's total width and height

 **Which of the following is NOT a valid value for the position property?**

* A) static
* B) relative
* C) sticky
* D) fixed-position  
  **Answer:** D) fixed-position

 **Which property would you use to change the stacking order of elements on the same layer?**

* A) z-index
* B) stack-order
* C) order
* D) layer-index  
  **Answer:** A) z-index

 **What is the purpose of the clip-path property in CSS?**

* A) To hide part of an element
* B) To create a mask around an element
* C) To apply rounded corners to an element
* D) To apply a shadow effect on an element  
  **Answer:** B) To create a mask around an element

 **Which of the following properties can be used to control how content inside a flex container wraps?**

* A) flex-wrap
* B) flex-flow
* C) flex-direction
* D) wrap-flow  
  **Answer:** A) flex-wrap

 **How can you target the first letter of a paragraph in CSS?**

* A) p:first-letter { ... }
* B) p::first-letter { ... }
* C) p:first-child { ... }
* D) p::letter { ... }  
  **Answer:** B) p::first-letter { ... }

 **What does visibility: collapse; do when applied to a table row?**

* A) It hides the row without removing it from the document flow
* B) It removes the row from the document flow
* C) It shrinks the row’s height
* D) It makes the row completely invisible  
  **Answer:** B) It removes the row from the document flow

 **How can you apply a CSS animation to an element when it is scrolled into view?**

* A) @keyframes { ... }
* B) animation: slide-in 2s;
* C) @media screen and (scroll: visible) { ... }
* D) @keyframes visibility { ... }  
  **Answer:** B) animation: slide-in 2s;

 **Which of the following CSS properties is used to specify the number of columns in a multi-column layout?**

* A) column-count
* B) columns
* C) column-width
* D) multi-column  
  **Answer:** A) column-count

 **Which CSS property can be used to change the layout of a flex container from horizontal to vertical?**

* A) flex-direction
* B) flex-align
* C) flex-wrap
* D) flex-flow  
  **Answer:** A) flex-direction

 **What is the default value for the flex-grow property in a flexbox container?**

* A) 1
* B) 0
* C) auto
* D) none  
  **Answer:** B) 0

 **Which of the following CSS rules can be used to apply styles to all elements in the webpage except the body?**

* A) \* { ... }
* B) body \* { ... }
* C) body :not(\*) { ... }
* D) :not(body) { ... }  
  **Answer:** D) :not(body) { ... }

 **What property does display: grid; affect?**

* A) The parent container
* B) The child elements within the container
* C) Both parent and child elements
* D) Only the border of the container  
  **Answer:** C) Both parent and child elements

 **Which of the following CSS properties is used to add a blur effect to an element?**

* A) blur-filter
* B) filter: blur();
* C) effect: blur;
* D) box-shadow: blur;  
  **Answer:** B) filter: blur();

 **Which of the following is the correct syntax for setting the color of an element to a linear gradient from blue to green in CSS?**

* A) background-color: linear-gradient(blue, green);
* B) background: gradient(blue, green);
* C) background: linear-gradient(blue, green);
* D) color: linear-gradient(blue, green);  
  **Answer:** C) background: linear-gradient(blue, green);

 **What does the position: sticky; property do?**

* A) Keeps an element in its original position while scrolling
* B) Keeps an element fixed to the top of the screen when scrolling
* C) Makes an element scrollable only within its parent container
* D) Keeps an element in its fixed position after scrolling  
  **Answer:** B) Keeps an element fixed to the top of the screen when scrolling

 **Which of the following is true about the ::before and ::after pseudo-elements?**

* A) They create new elements in the DOM
* B) They are inline elements by default
* C) They are block-level elements by default
* D) They can only be applied to text content  
  **Answer:** B) They are inline elements by default

 **What is the purpose of @supports in CSS?**

* A) To apply styles only if a browser supports a specific property
* B) To create conditional styles for media queries
* C) To create custom properties in CSS
* D) To define styles for supported browser extensions  
  **Answer:** A) To apply styles only if a browser supports a specific property

 **Which of the following values of the overflow property allows the content to be clipped and a scrollbar to appear?**

* A) visible
* B) hidden
* C) scroll
* D) auto  
  **Answer:** C) scroll

 **Which CSS property can be used to control the spacing between words?**

* A) word-spacing
* B) line-height
* C) letter-spacing
* D) text-indent  
  **Answer:** A) word-spacing

 **Which of the following CSS properties is used to apply a 3D transformation to an element?**

* A) perspective
* B) transform
* C) translate3d
* D) transform-style  
  **Answer:** B) transform

 **How can you achieve equal height columns in CSS?**

* A) Use display: table;
* B) Use display: flex; and align-items: stretch;
* C) Use display: grid; and align-items: stretch;
* D) Both B and C  
  **Answer:** D) Both B and C

 **Which of the following CSS properties is used to make text appear as if it's engraved or carved?**

* A) text-shadow
* B) text-decoration
* C) font-style
* D) text-transform  
  **Answer:** A) text-shadow

 **Which of the following CSS properties is used to specify the order of items in a flex container?**

* A) flex-order
* B) order
* C) flex-direction
* D) align-items  
  **Answer:** B) order

Most difficult

 **Which CSS property can be used to control the order of flex items without changing the HTML structure?**

* A) flex-order
* B) order
* C) flex-position
* D) item-order
* **Answer:** B) order

 **How would you achieve the effect of a CSS grid with overlapping columns?**

* A) grid-template-columns: repeat(2, 1fr);
* B) grid-template-areas: "a a" "b b";
* C) grid-template-columns: 100px 200px;
* D) grid-template-columns: auto 1fr;
* **Answer:** B) grid-template-areas: "a a" "b b";

 **Which CSS property should be used to control the space between flex items along the main axis?**

* A) justify-content
* B) align-items
* C) align-content
* D) flex-gap
* **Answer:** A) justify-content

 **Which of the following values for position will allow an element to scroll along with the page, but remain fixed within its container until a certain point?**

* A) relative
* B) fixed
* C) sticky
* D) absolute
* **Answer:** C) sticky

 **What is the purpose of display: contents in CSS?**

* A) It renders the element as a container with no visual display but preserves its children’s layout.
* B) It removes the element and its children from the document flow.
* C) It allows the element to behave as a block-level element but without a box.
* D) It turns the element into a flex container.
* **Answer:** A) It renders the element as a container with no visual display but preserves its children’s layout.

 **Which CSS function can be used to dynamically calculate property values based on viewport dimensions?**

* A) calc()
* B) vw()
* C) vmin()
* D) fit-content()
* **Answer:** A) calc()

 **Which of the following CSS selectors targets an element based on both its class and its nth-child position?**

* A) .class:nth-child(3)
* B) .class:child(3)
* C) .nth-child(class=3)
* D) .class:nth-of-type(3)
* **Answer:** A) .class:nth-child(3)

 **How do you prevent an element from affecting the layout of other elements while still keeping it visible?**

* A) visibility: hidden;
* B) position: absolute;
* C) display: none;
* D) position: fixed;
* **Answer:** B) position: absolute;

 **Which of the following properties is used to set a background image to cover the entire area of the element?**

* A) background-size: cover;
* B) background-repeat: no-repeat;
* C) background-position: center;
* D) background-fill: contain;
* **Answer:** A) background-size: cover;

 **Which of the following will ensure that the browser applies the same size to a text element, irrespective of the user’s browser settings?**

* A) font-size: 16px;
* B) font-size: 1rem;
* C) font-size: 100vw;
* D) font-size: 1em;
* **Answer:** A) font-size: 16px;

 **What is the difference between position: absolute; and position: fixed;?**

* A) absolute positions relative to the closest positioned ancestor, while fixed positions relative to the viewport.
* B) absolute stays fixed in the viewport, while fixed moves with the page.
* C) There is no difference.
* D) fixed is always within a grid layout, while absolute is not.
* **Answer:** A) absolute positions relative to the closest positioned ancestor, while fixed positions relative to the viewport.

 **Which of the following CSS properties can be used to change the visual appearance of an element when it is hovered over?**

* A) :focus
* B) :hover
* C) :active
* D) :visited
* **Answer:** B) :hover

 **What does the transform: scale(2); property do?**

* A) It scales the element’s content to 2 times its original size.
* B) It scales the element’s border to 2 times its original size.
* C) It scales the element to twice its width and height.
* D) It rotates the element by 2 degrees.
* **Answer:** C) It scales the element to twice its width and height.

 **Which CSS property is used to make an element's background transparent?**

* A) opacity: 0;
* B) background-opacity: 0;
* C) background-color: transparent;
* D) visibility: hidden;
* **Answer:** C) background-color: transparent;

 **Which CSS property enables you to create a shadow effect behind an element?**

* A) text-shadow
* B) box-shadow
* C) shadow-effect
* D) border-shadow
* **Answer:** B) box-shadow

 **How would you set a flex container’s children to wrap into multiple lines if there is not enough space?**

* A) flex-wrap: wrap;
* B) flex-wrap: auto;
* C) flex-wrap: multiple;
* D) wrap: flex;
* **Answer:** A) flex-wrap: wrap;

 **What does the @media rule allow in CSS?**

* A) Apply styles based on the viewport size or device characteristics.
* B) It is used to load different stylesheets for different browsers.
* C) It creates reusable styles that can be applied across multiple pages.
* D) It is used to set up inline styles for dynamic elements.
* **Answer:** A) Apply styles based on the viewport size or device characteristics.

 **Which of the following is used to avoid the element's content from being clipped when it overflows its container?**

* A) overflow: scroll;
* B) overflow: visible;
* C) overflow: auto;
* D) overflow: hidden;
* **Answer:** B) overflow: visible;

 **Which CSS property can be used to create a smooth scrolling effect for anchor links on the same page?**

* A) scroll-behavior: smooth;
* B) overflow: smooth;
* C) scrolling: smooth;
* D) scroll-style: smooth;
* **Answer:** A) scroll-behavior: smooth;

 **What is the default value of the display property for a div element?**

* A) block
* B) inline
* C) inline-block
* D) flex
* **Answer:** A) block

 **What is the result of using display: inline-block;?**

* A) The element behaves like a block element but maintains its inline formatting context.
* B) The element behaves like an inline element but gains block-level properties.
* C) The element is treated as a flex container.
* D) The element cannot be styled.
* **Answer:** A) The element behaves like a block element but maintains its inline formatting context.

 **Which of the following is used to define a CSS grid with automatic column sizes?**

* A) grid-template-columns: auto;
* B) grid-template-columns: 1fr;
* C) grid-template-columns: repeat(3, auto);
* D) grid-template-columns: 100px;
* **Answer:** A) grid-template-columns: auto;

 **Which of the following properties allows the use of CSS transitions?**

* A) transition-property
* B) transition-duration
* C) transition-timing-function
* D) All of the above
* **Answer:** D) All of the above

 **Which CSS property is used to set the order of elements in a CSS grid?**

* A) grid-column
* B) grid-order
* C) order
* D) grid-position
* **Answer:** C) order

 **Which property in CSS allows you to control the space between items in a grid container?**

* A) grid-gap
* B) gap
* C) grid-spacing
* D) space-between
* **Answer:** B) gap