

The background is a dark blue gradient with a subtle pattern of white dots. Overlaid on the left side are several concentric circles and arcs in a lighter blue color. Some of these arcs have degree markings, such as 40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260. There are also small arrows pointing in various directions, suggesting a sense of rotation or movement.

PROGRAMACIÓN WEB

CSS

REGLAS CSS

The diagram illustrates the syntax of a CSS rule. It shows a selector 'p' followed by a curly brace, then three declarations: 'margin: 10px;', 'font-size: 12px;', and 'font-family: Verdana;', all enclosed in a closing curly brace. Red lines and text labels identify the components: 'Selector' points to 'p{', 'Property' points to 'margin', 'Value' points to '10px', and 'Unit' points to 'px'. A 'Declaration' label points to the entire block of rules. A note 'Selector rules separated by semicolons' points to the semicolons at the end of each declaration. Another note 'Selector rules are surrounded by curly braces' points to the opening and closing curly braces.

```
p{  
  margin: 10px;  
  font-size: 12px;  
  font-family: Verdana;  
}
```

Selector

Property

Value

Unit

Declaration

Selector rules separated by semicolons

Selector rules are surrounded by curly braces

SELECTORES

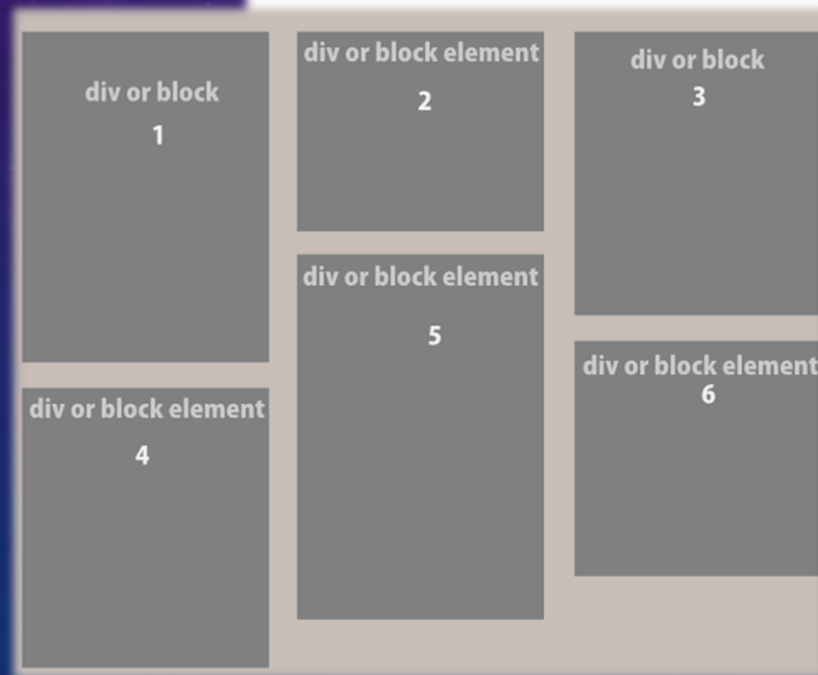
- Selector Universal (*)
- Selector de tipo (h1, hr, div, p)
- Selectores de clase (.clase1, .red, .hidden)
- Selectores de id (#id, #primero, #box)
- Selectores combinados (p.clase1, div#id)

SPAN Y DIV

Phrase Elements

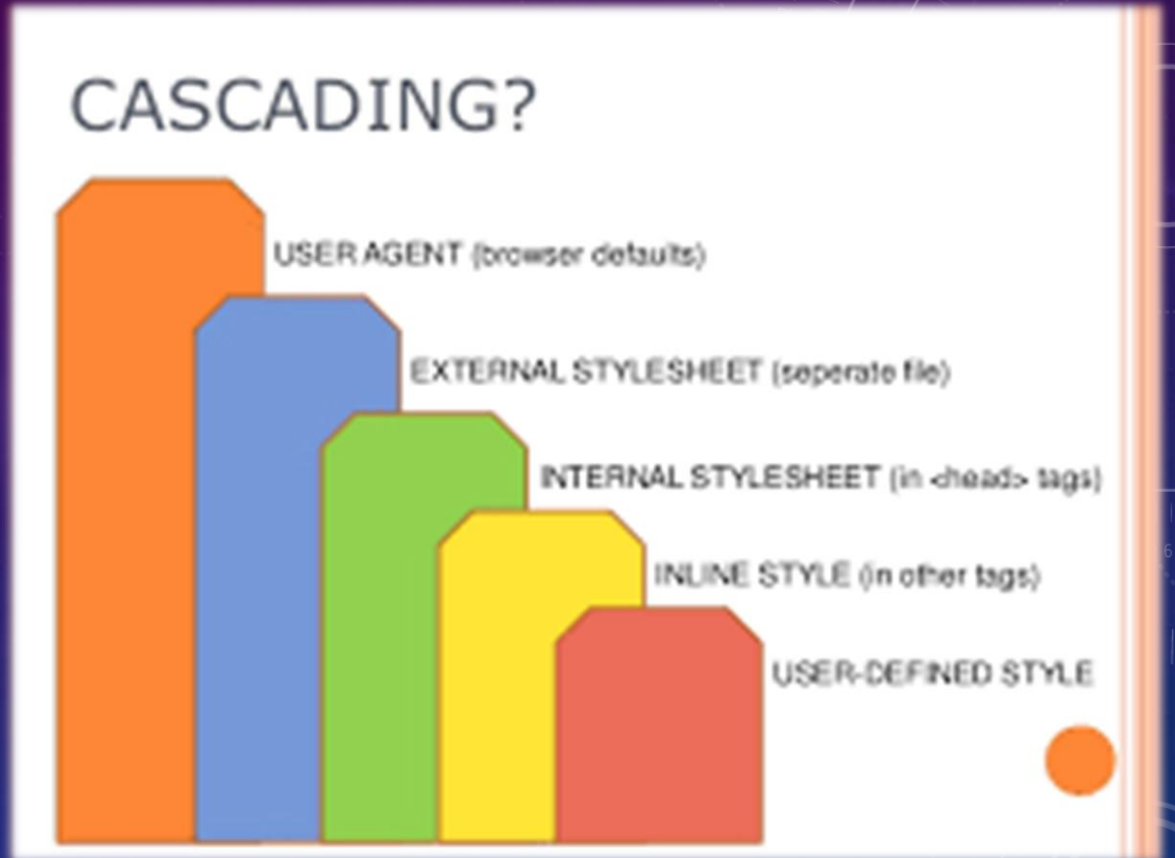
****, ****, **<blockquote>**,
<cite> , **<q>**, **<abbr>** , **<acronym>**,
<dfn>, **<code>** , **<kbd>** , **<var>**,
<samp> , **<address>**

- Elementos de frase
- Elementos de bloque



PRIORIDAD EN CASCADA

1. Atributo style de un elemento
2. Elemento style en el encabezado de la página
3. Archivo externo
4. Configuración predeterminada del navegador



PRIORIDAD EN CASCADA

1. Atributo style de un elemento
2. Selector de id
3. Selector de clase
4. Selector de elemento
0. !important, funcional

ARCHIVO EXTERNO

- `<link rel="stylesheet" href="name-of-external-file">`

PROPIEDADES CSS

Color properties	<code>color, background color</code>
Font properties	<code>font-style, font-variant, font-weight, font-size, font-family, font</code>
Text properties	<code>line-height, text-align, text-decoration, text-transform, text-indent</code>
Border properties	<code>border-bottom, border-bottom-color, ...</code>
Margin and padding properties	<code>margin-bottom, margin-left, ... padding-bottom, padding-left, ...</code>

COLOR

- Nombres de color
 - Blue, yellow, pink
- RGB
 - rgb(50%, 50%, 50%)
 - rgb(80, 70, 50)
 - #00FF00
- Opacidad
 - rgba(100, 100, 100, 0.5)
 - color: rgb(100, 100, 100); opacity: 0.4;



FONT

- font-style
- font-variant
- font-weight
- font-size
- font-family

FontWeight	Weight value
FontWeight ExtraBlack	950
FontWeight Black	900
FontWeight ExtraBold	800
FontWeight Bold	700
FontWeight SemiBold	600
FontWeight Medium	500
FontWeight Normal	400
FontWeight SemiLight	350
FontWeight Light	300
FontWeight ExtraLight	200
FontWeight Thin	100

	Without Feature	With Feature
font-variant-numeric: diagonal-fractions	3/4	¾
font-variant-caps: small-caps	Hello	HELLO
font-variant-numeric: oldstyle-nums	1364	1364

Normal - Sphinx of black quartz, judge my vow.

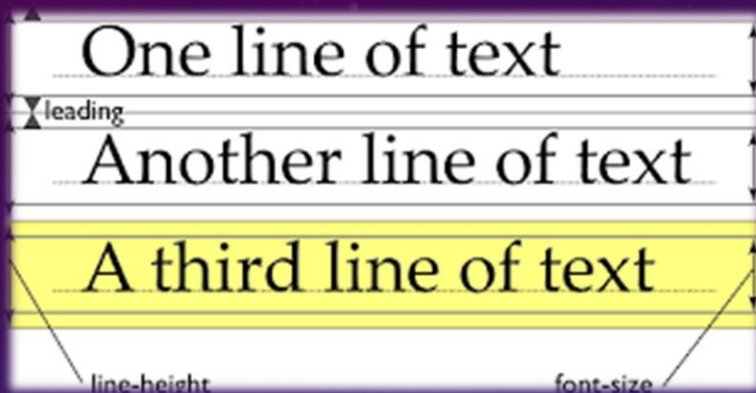
Italic - Sphinx of black quartz, judge my vow.

Oblique - Sphinx of black quartz, judge my vow.

Document Font Size 12px		
font-size: x-small	font size=1	font-size: 0.63em
font-size: small	font size=2	font-size: 0.82em
font-size: medium	font size=3	font-size: 1.0em
font-size: large	font size=4	font-size: 1.13em
font-size: x-large	font size=5	font-size: 1.5em
font-size: xx-large	font size=6	font-size: 2em
	font size=7	font-size: 3em
	font size=8	
	font size=9	
	font size=10	

TEXT

- line-height
- text-align
- text-decoration
- text-transform
- text-indent



text-decoration-color: color;

underline	line-through	overline
Hello Geeks!	Hello Geeks!	Hello Geeks!
Hello Geeks!	Hello Geeks!	Hello Geeks!
Hello Geeks!	Hello Geeks!	Hello Geeks!

direction: ltr;





text-align: left;
text-align: start;

direction: rtl;

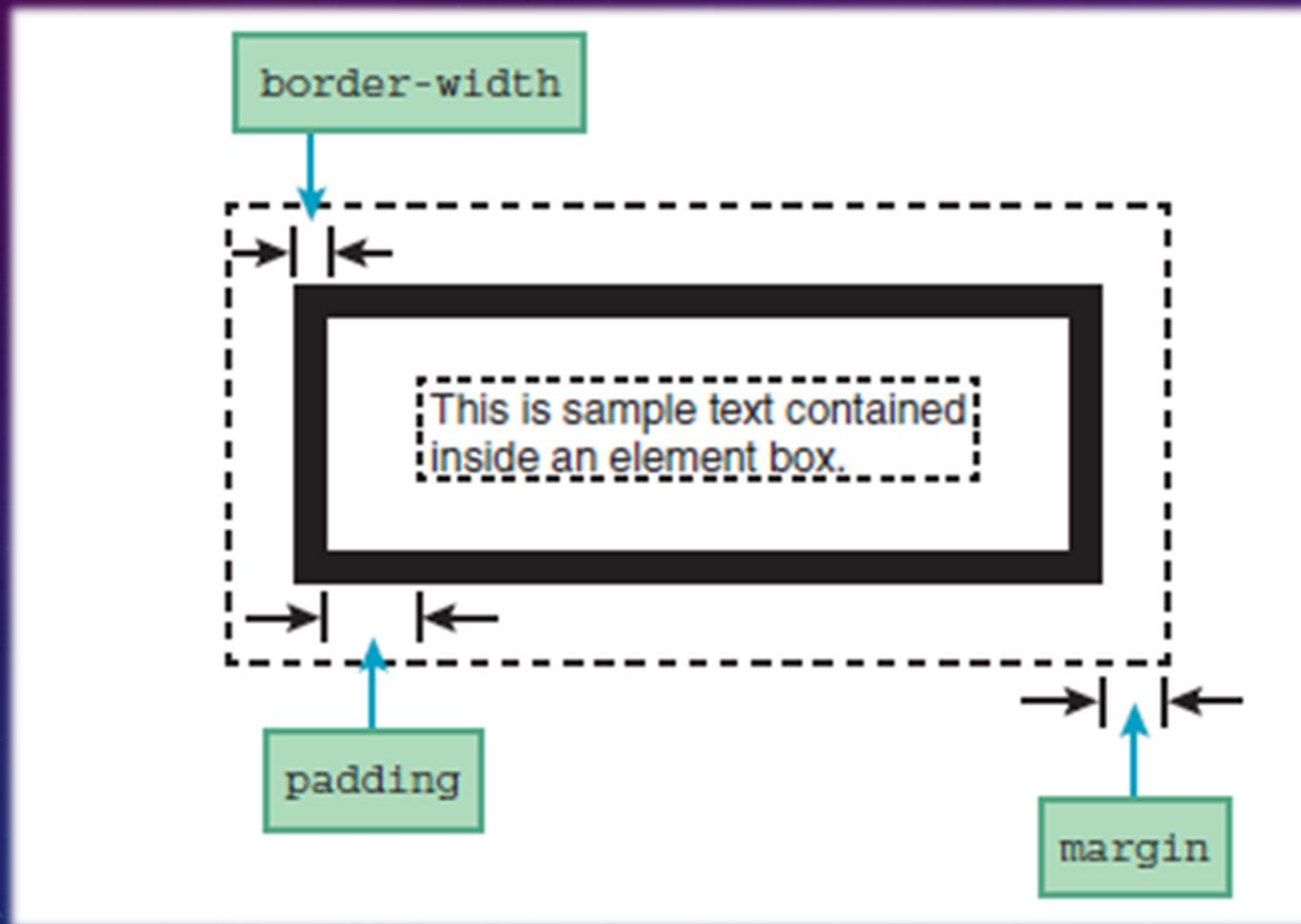
text-align: left;
text-align: start;

```
.p1{
  text-transform:capitalize;
}
.p2{
  text-transform:lowercase;
}
.p3{
  text-transform:uppercase;
}
```


BORDER

border-style Values	Appearance
none	The browser displays no border. This is the default.
solid	
dashed	
dotted	
double	
border-width Values	Description
thin, medium, thick	The browser determines a border width that can be reasonably described as thin , medium , or thick . The default is medium .
number of px units	A CSS pixel unit is the size of a single projected dot on a computer monitor when the monitor's zooming factor is at its default position of 100%.

MODELO DE CAJAS



TAREA

- Elaborar una página web donde se explique un teorema matemático
 - Separar contenido HTML de CSS
 - Introducción al contenido
 - Explicación detallada
 - Incluir imágenes
 - Estar validado en la página de W3C