PRÁCTICA 3
EJERCICIO 4

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Tabla de contenidos

Validación de los documentos HTML

1. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 5, column 5; to line 5, column 28
```
head>↵      <meta charset="UTF-8" />↵      <
```

2. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 6, column 5; to line 6, column 64
```
8" />↵      <meta name="author" content="Héctor Lavandeira Fernández" />↵      <
```

3. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 7, column 5; to line 7, column 76
```
z" />↵      <meta name="viewport" content="width=device-width, initial-scale=1.0" />↵↵
```

4. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 13, column 5; to line 13, column 78
```
↵     ↵      <link rel="stylesheet" type="text/css" href="CalculadoraCientifica.css" />↵</hea
```

5. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 22, column 9; to line 22, column 62
```
>↵          <input type="text" id="pantalla" value="0" readonly />↵↵
```

6. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 25, column 9; to line 25, column 64
```
>↵          <input type="button" value="DEG" onclick="calc.deg()" />↵
```

7. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 26, column 9; to line 26, column 64
```
>↵          <input type="button" value="HYP" onclick="calc.hyp()" />↵
```

8. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 27, column 9; to line 27, column 63
```
>↵          <input type="button" value="F-E" onclick="calc.fe()" />↵
```

9. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 29, column 9; to line 29, column 62
```
>↵          <input type="button" value="MC" onclick="calc.mC()" />↵
```

10. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 30, column 9; to line 30, column 62
```
>↵          <input type="button" value="MR" onclick="calc.mR()" />↵
```

11. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 31, column 9; to line 31, column 64
```
>↵          <input type="button" value="M+" onclick="calc.mMas()" />↵
```

12. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 32, column 9; to line 32, column 66
```
>↵          <input type="button" value="M-" onclick="calc.mMenos()" />↵
```

13. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 33, column 9; to line 33, column 62
```
>↵          <input type="button" value="MS" onclick="calc.mS()" />↵
```

14. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 35, column 9; to line 35, column 68
```
>↵          <input type="button" value="^2" onclick="calc.cuadrado()" />↵
```

15. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 36, column 9; to line 36, column 67
```
>↵          <input type="button" value="^" onclick="calc.potencia()" />↵
```

16. **Info** Trailing slash on void elements **has no effect** and **interacts badly with unquoted attribute values**.
From line 37, column 9; to line 37, column 65
```
>↵          <input type="button" value="sin" onclick="calc.seno()" />↵
```

17. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 38, column 9; to line 38, column 67
`>↵`   `<input type="button" value="cos" onclick="calc.coseno()" />↵`

18. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 39, column 9; to line 39, column 69
`>↵`   `<input type="button" value="tan" onclick="calc.tangente()" />↵`

19. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 41, column 9; to line 41, column 63
`>↵`   `<input type="button" value="√" onclick="calc.raiz()" />↵`

20. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 42, column 9; to line 42, column 74
`>↵`   `<input type="button" value="10^x" onclick="calc.potenciaDiez()" />↵`

21. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 43, column 9; to line 43, column 70
`>↵`   `<input type="button" value="log" onclick="calc.logaritmo()" />↵`

22. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 44, column 9; to line 44, column 72
`>↵`   `<input type="button" value="exp" onclick="calc.exponencial()" />↵`

23. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 45, column 9; to line 45, column 67
`>↵`   `<input type="button" value="mod" onclick="calc.modulo()" />↵`

24. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 47, column 9; to line 47, column 64
`>↵`   `<input type="button" value="↑" onclick="calc.shift()" />↵`

25. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 48, column 9; to line 48, column 66
`>↵`   `<input type="button" value="CE" onclick="calc.borrar()" />↵`

26. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 49, column 9; to line 49, column 72
`>↵`   `<input type="button" value="C" onclick="calc.borrarCalculo()" />↵`

27. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 50, column 9; to line 50, column 71
`>↵`   `<input type="button" value="⊠" onclick="calc.borrarDigito()" />↵`

28. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 51, column 9; to line 51, column 67
`>↵`   `<input type="button" value="/" onclick="calc.division()" />↵`

29. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 53, column 9; to line 53, column 61
`>↵`   `<input type="button" value="π" onclick="calc.pi()" />↵`

30. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 54, column 9; to line 54, column 69
`>↵`   `<input type="button" value="7" onclick="calc.digitos('7')" />↵`

31. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 55, column 9; to line 55, column 69
`>↵`   `<input type="button" value="8" onclick="calc.digitos('8')" />↵`

32. **Info** **Trailing slash on void elements** has no effect and interacts badly with unquoted attribute values.
From line 56, column 9; to line 56, column 69
`>↵`   `<input type="button" value="9" onclick="calc.digitos('9')" />↵`

33. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 57, column 9; to line 57, column 73
```
<input type="button" value="x" onclick="calc.multiplicacion()" />
```

34. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 59, column 9; to line 59, column 69
```
<input type="button" value="n!" onclick="calc.factorial()" />
```

35. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 60, column 9; to line 60, column 69
```
<input type="button" value="4" onclick="calc.digitos('4')" />
```

36. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 61, column 9; to line 61, column 69
```
<input type="button" value="5" onclick="calc.digitos('5')" />
```

37. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 62, column 9; to line 62, column 69
```
<input type="button" value="6" onclick="calc.digitos('6')" />
```

38. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 63, column 9; to line 63, column 64
```
<input type="button" value="-" onclick="calc.resta()" />
```

39. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 65, column 9; to line 65, column 73
```
<input type="button" value="+/-" onclick="calc.cambiarSigno()" />
```

40. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 66, column 9; to line 66, column 69
```
<input type="button" value="1" onclick="calc.digitos('1')" />
```

41. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 67, column 9; to line 67, column 69
```
<input type="button" value="2" onclick="calc.digitos('2')" />
```

42. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 68, column 9; to line 68, column 69
```
<input type="button" value="3" onclick="calc.digitos('3')" />
```

43. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 69, column 9; to line 69, column 63
```
<input type="button" value="+" onclick="calc.suma()" />
```

44. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 71, column 9; to line 71, column 72
```
<input type="button" value="(" onclick="calc.parentesis('i')" />
```

45. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 72, column 9; to line 72, column 72
```
<input type="button" value=")" onclick="calc.parentesis('d')" />
```

46. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 73, column 9; to line 73, column 69
```
<input type="button" value="0" onclick="calc.digitos('0')" />
```

47. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 74, column 9; to line 74, column 64
```
<input type="button" value="." onclick="calc.punto()" />
```

48. **Info** **Trailing slash on void elements** [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 75, column 9; to line 75, column 64
```
<input type="button" value="=" onclick="calc.igual()" />
```

Validación de las hojas de estilo

Resultados del Validador CSS del W3C para CalculadoraCientifica.css (CSS versión 3 + SVG)

¡Enhorabuena! No error encontrado.

¡Este documento es *CSS versión 3 + SVG* *válido!*

Comprobación de la adaptabilidad

https://uo277303.github.io/sew/Ejercicio-04/CalculadoraCientifica.html

Resultados de prueba

✓ **La página tiene usabilidad en móviles**
Resulta sencillo navegar por esta página en dispositivos móviles. Más información

VER PÁGINA PROBADA

77303.github.io/sew/Ejercicio-04/CalculadoraCientifica.html   **GO**

iPhone 5 320x568 ⌄

Calculadora científica

Calculadora Windows

DEG	HYP	F-E
MC	MR	M+
^2	^	sin
√	10^x	log
↑	CE	C
π	7	8
n!	4	5

iPad Mini 768x1024 ⌄

Calculadora científica

Calculadora Windows

0

DEG	HYP	F-E		
MC	MR	M+	M-	MS
^2	^	sin	cos	tan
√	10^x	log	exp	mod
↑	CE	C	⌫	/
π	7	8	9	x
n!	4	5	6	-
+/-	1	2	3	+
(	)	0	.	=

Comprobación de la accesibilidad

Acceso por teclado de la calculadora

BOTÓN	COMBINACIÓN DE TECLAS
DEG	Tecla 'g'
HYP	Alt + Tecla 'h'
F-E	Tecla 'j'
MC	Tecla 'a'
MR	Alt + Tecla 'r'
M+	Alt + Tecla 'n'
M-	Alt + Tecla 'b'
MS	Tecla 'b'
^2	Tecla 'u'
^	Tecla 'k'
sin	Tecla 'e'
cos	Tecla 'o'
tan	Tecla 't'
√ (raíz)	Tecla 'r'
10^x	Tecla 'z'
log	Tecla 'l'
exp	Tecla 'x'
mod	Tecla 'm'
↑ (shift)	Shift
CE	Tecla suprimir y retroceso
C	Tecla 'c'
⌫ (retroceso)	Tecla 'd'
pi	Tecla 'i'
n!	Tecla 'f'
+/-	Tecla 's'
(	Tecla 'q'
)	Tecla 'w'
x	Tecla '*'
/	Alt + Tecla '/'
+	Tecla '+'
-	Tecla '-'
.	Teclas '.' y ','
=	Tecla '=' y Enter
0123456789	Teclas numéricas