BASIC FORM ELEMENTS

types

text

radio (single selection)

button

checkbox (multiple selections)

Form tags are single line

Textarea are multiline, word wrap

INPUT TYPE="RADIO"

the name attribute is what groups all of the radio buttons together

REPL = read-eval-print loop

GETTING ELEMENS FROM THE DOM

an html element in the DOM is called a node

EVENT TARGET

the event in this case is all of the HTML

<<<<<<<<<<<<<<<< DEMO >>>>>>>>>>>>>>>>>>>

1. create and link index.js to html file

<script src='index.js'></script>

2. open the HTML file in a browser and open web console

3. in index.js write console.log('hello world') and make sure it is connected

4. console.dir(document)

5. write a function to increase the count, include console.log(count)

6. above the function, const plusBtn = document.querySelector('#plus-btn')

7. below the funciton, plusBtn.addEventListener('click', increase)

8. below the plusBtn declaration, const numberText = document.querySelector('#counter')

9. inside the increase function, numberText.textContent = count

10. do the same thing for the minus button and reset button

11. place numberText.textContent = count in a function, to demonstrate DRY code

<<<<THEMES>>>>

12. below everything so far, const themeBtns = document.querySelectorAll('.theme-buttons')

13. below that, console.log(themeBtns)

14. below that,

function selectTheme(event) {

console.log(event)

const theme = event.target.textContent

}

themeBtns[0].addEventListener('click', selectTheme)

15. edit the selectTheme function as follows:

function selectTheme(event) {

console.log(event)

const theme = event.target.textContent

document.querySelector('main').className = theme

document.body.className = theme

}

16. edit themeBtns[0].addEventListener('click', selectTheme)

to be:

for(let i = 0; i < themeBtns.length; i++) {

themeBtns[i].addEventListener('click', selectTheme)

}

17. edit the selectTheme function as follow:

function selectTheme(event) {

console.log(event)

const theme = event.target.textContent

document.querySelector('main').className = theme

document.body.className = theme

const buttons = document.querySelectorAll('button')

for (let i = 0; i < buttons.length; i++) {

buttons[i].className = theme

}

}

18. inside the reset function, edit as follows:

function reset() {

count = 0

setNumberText()

// add notification

const notification = document.createElement('p')

notification.textContent = 'You have reset the number!'

document.querySelector('main').appendChild(notification)

}

19. again inside the reset function, add:

function reset() {

count = 0

setNumberText()

// add notification

const notification = document.createElement('p')

notification.textContent = 'You have reset the number!'

notification.addEventListener('mouseover', function() {

notification.remove()

})

document.querySelector('main').appendChild(notification)

}