Question 1

create a web page that open existing small window and scroll it's content to the end .

Q1.a check if the small window still opened, close it.

Q1.b Try to write your name on the small window document using document.write (what is the problem).

➔ It removes all the text from html and put my name only, but if I add a new js file and do document.write it will append my name in the bottom of the new window page

Day 7 JavaScript

BOM and DOM

BOM ==> location, history, navigator, screen

DOM ==> childNodes, children, dom properties like title, bgColor, body

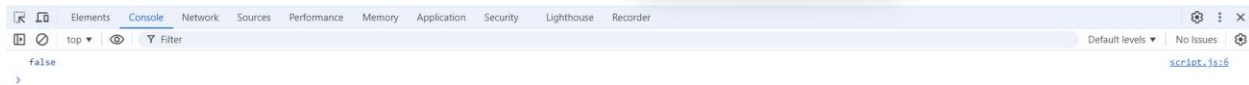DOM ==> getElementsByClassName, getElementsByName, getElementsByTagName, getElementById

DOM ==> querySelector, querySelectorAll

setAttributes("attribute", "value"), getAttribute("attribute"), hasAttribute("attribute")

createElement("tagName"), createTextNode("text"), appendChild, insertBefore, removeChild, replaceChild

innerHTML, innerText

[Open New Window] [close New Window]

(Browser window: 127.0.0.1:3000/day7/sma... — "my name is ahmed mohamed")

(Console panel)
```
false                                          script.js:25
```

Day 7 JavaScript

BOM and DOM

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DOM ==> getElementsByClassName, getElementsByName, getElementsByTagName, getElementById
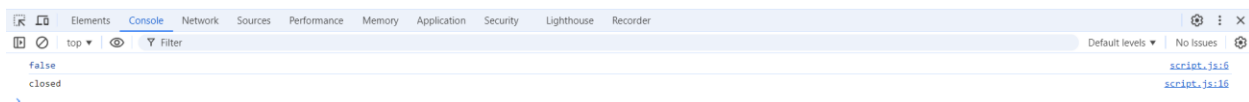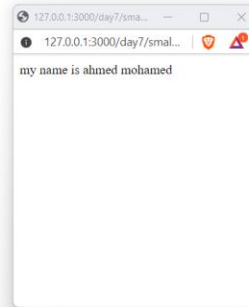
DOM ==> querySelector, querySelectorAll

setAttributes("attribute", "value"), getAttribute("attribute"), hasAttribute("attribute")

createElement("tagName"), createTextNode("text"), appendChild, insertBefore, removeChild, replaceChild

innerHTML, innerText

[Open New Window] [close New Window]

(New window - Brave: 127.0.0.1:3000/smal...)

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my name is ahmed mohamed

(Console panel)
```
false                                          script.js:6
```

Q1.c

DOM ==> childNodes, children, dom properties like title, bgColor, body

DOM ==> getElementsByClassName, getElementsByName, getElemen

DOM ==> querySelector, querySelectorAll

setAttributes("attribute", "value"), getAttribute("attribute"), hasAttribute

createElement("tagName"), createTextNode("text"), appendChild, inser

innerHTML, innerText

[Open New Window] [close New Window]

new window

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Lorem ipsum dolor sit amet consectetur, adipisicing elit. Ut sequi, facilis mollitia corrupti debitis accusamus quod quaerat suscipit praesentium excepturi. Nulla, recusandae labore. Nemo iure suscipit

(Console panel)
```
false
<div>my name is Ahmed Mohamed</div>
```

➔ **It did not want to append the div in the body of newWindow but it append the text with the div element.**

Day 7 JavaScript

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DOM ==> getElementsByClassName, getElementsByName, getElementsByTagName, getElementById
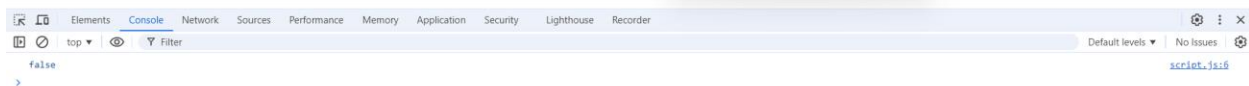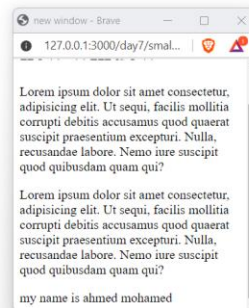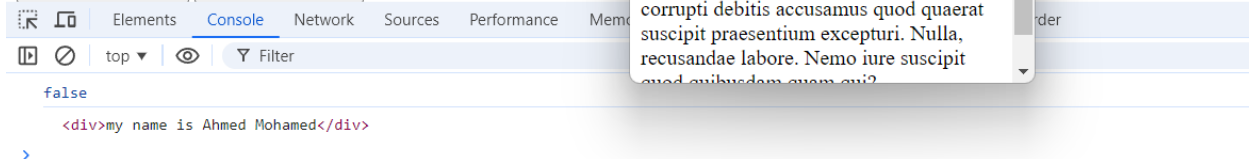
DOM ==> querySelector, querySelectorAll

setAttributes("attribute", "value"), getAttribute("attribute"), hasAttribute("attribute")

createElement("tagName"), createTextNode("text"), appendChild, insertBefore, removeChild, replaceChild

innerHTML, innerText

| Open New Window | close New Window |
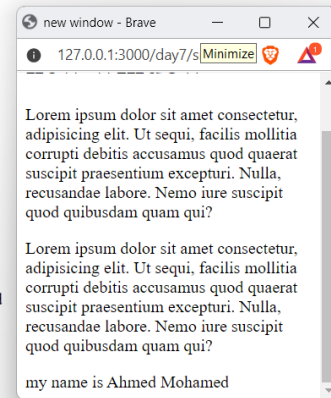
➔ **The instructor tell me about the solution so I modify it using onload function and it operate successfully.**

Q2 a. Find all images in page by two ways (document default collection and document methods).

Question 2 in task

Cairo ⌄

```
Elements   Console   Network   Sources   Performance   Memory   Application   Security   Lighthouse   Recorder

top ▼    ⊘    ⊙    ▽ Filter                                          Default levels ▼   No Issues

▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:5
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:7
▶ NodeList(3) [img, img, img]                                                    question2.js:9
> |
```
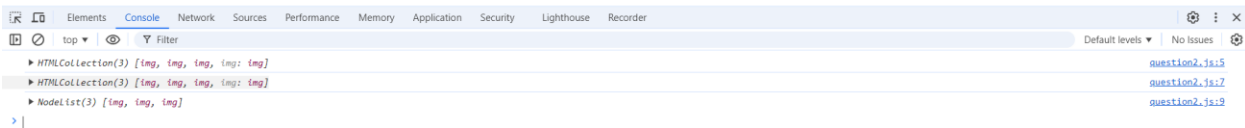
Q2.b Find all options for City drop down list.

Question 2 in task


```
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:5
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:7
▶ NodeList(3) [img, img, img]                                                    question2.js:9
options of city drop down are ▼ HTMLCollection(3) [option, option, option] ⓘ    question2.js:14
                              ▶ 0: option
                              ▶ 1: option
                              ▶ 2: option
                                length: 3
                              ▶ [[Prototype]]: HTMLCollection
```

Q2.c

Question 2 in task


```
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:5
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:7
▶ NodeList(3) [img, img, img]                                                    question2.js:9
options of city drop down are ▶ HTMLCollection(3) [option, option, option]       question2.js:14
options of city drop down are ▶ NodeList(3) [option, option, option]             question2.js:17
options of city drop down are ▶ HTMLCollection(3) [option, option, option]       question2.js:20
▶ <table id="second-table" style="border: 2px solid black;"> … </table>          question2.js:24
▶ HTMLCollection(2) [tr, tr]                                                      question2.js:26
```

Q2.d

Question 2 in task


```
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:5
▶ HTMLCollection(3) [img, img, img, img: img]                                    question2.js:7
▶ NodeList(3) [img, img, img]                                                    question2.js:9
options of city drop down are ▶ HTMLCollection(3) [option, option, option]       question2.js:14
options of city drop down are ▶ NodeList(3) [option, option, option]             question2.js:17
options of city drop down are ▶ HTMLCollection(3) [option, option, option]       question2.js:20
▶ <table id="second-table" style="border: 2px solid black;"> … </table>          question2.js:24
▶ HTMLCollection(2) [tr, tr]                                                      question2.js:26
```

Question 3

Day 7 JavaScript

BOM and DOM

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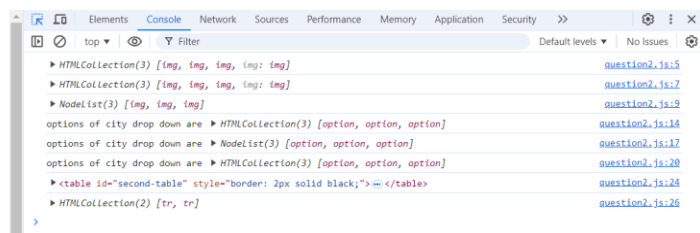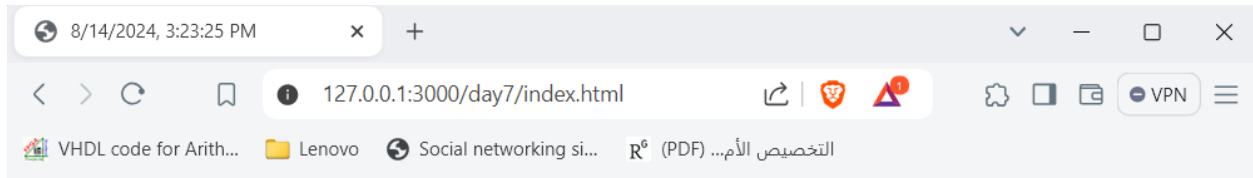createElement("tagName"), createTextNode("text"), appendChild, insertBefore, removeChild, replaceChild

innerHTML, innerText

| Open New Window | close New Window |

Q4


```
<button class="prev" onclick="prevImage()"><</button>                    script.js:90
<button class="next" onclick="nextImage()">></button>                    script.js:97
```