

A stylized illustration of a desk setup. At the top center is a computer monitor with an orange screen and a white base. To the left of the monitor is a light gray keyboard with white keys. Below the keyboard is a white computer mouse. In the bottom left corner is an orange smartphone. To the right of the monitor is an orange notepad with a white cover featuring three horizontal lines and a circle. A yellow pencil lies at the bottom right. The background is a solid light orange color.

DOM Modification

I can use the DOM API from JavaScript to modify aspects of webpage elements like their styles and attributes, and create new elements.

A collection of stylized, flat-design illustrations in shades of orange and tan. At the top center is a computer monitor. To its left is a keyboard and a mouse. To its right is a notepad with a pencil. At the bottom left is a smartphone. The background is a light gray.

Starter

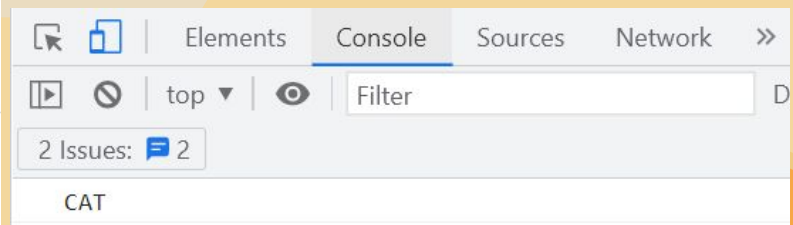
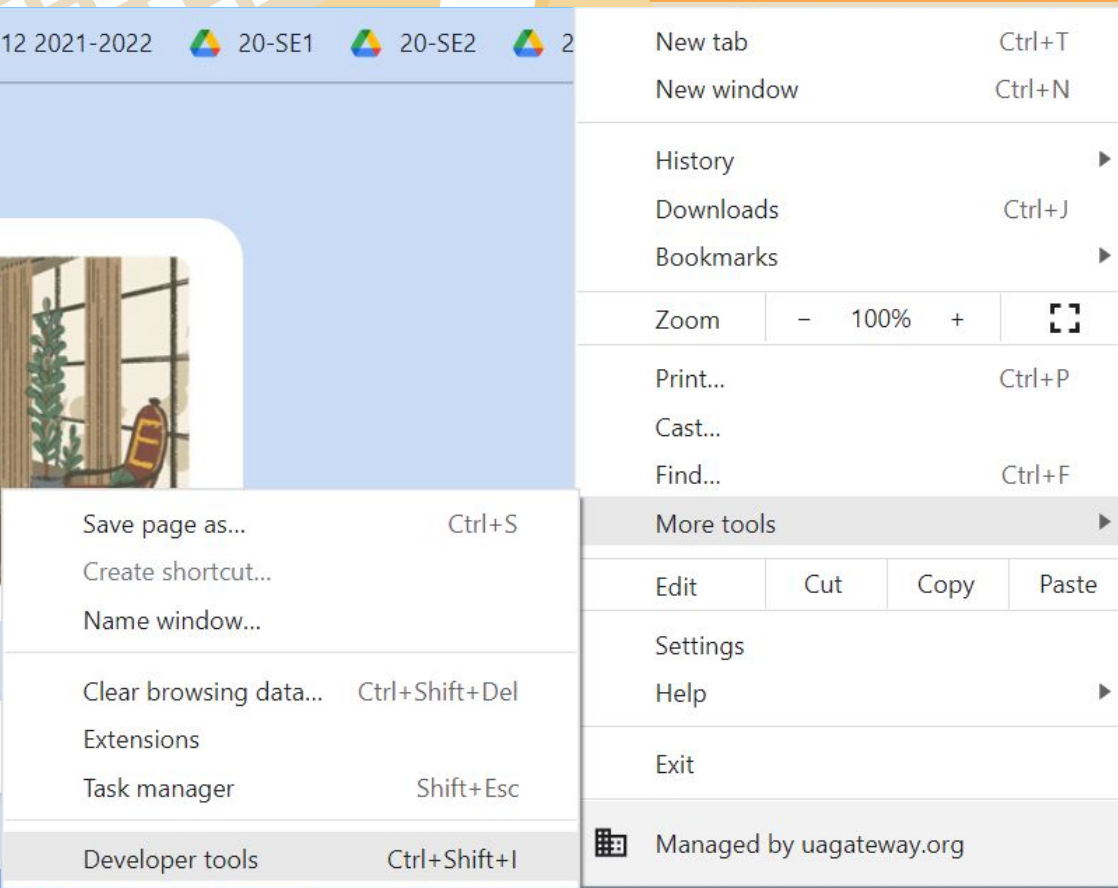
```
<p id="pathway">IT is the best  
pathway</p>
```

Write the JS DOM code to change this paragraph tag so that it outputs the REAL best pathway in the paragraph's innerHTML.

Your Notes

- ❖ Sample code for changing an HTML attribute
- ❖ Sample code for changing CSS style.
- ❖ Sample code for changing CSS class.

Debugging



Use Developer tools and console.log to debug your code.



To Do

1. Make progress on [Khan Academy DOM Modification](#)

Goal: complete first 3 challenges today

Resource:

[W3Schools DOM HTML](#)

[W3Schools DOM CSS](#)

Homework:

Complete the first 3 challenges if you did not finish in class.

Day 1 of 2 for this lesson



Exit Ticket

- ❖ Describe at least 2 ways you can use JS DOM to change how a website looks.

Standards

- ❖ 9-12.CT.7 Design or remix a program that utilizes a data structure to maintain changes to related pieces of data.
- ❖ 9-12.CT.4 Implement a program using a combination of student-defined and third-party functions to organize the computation