

Name _____ Period _____

Skill 20.01 Exercise 1

Write code to create a basic HTML page. On your page, include the following,

- In the head section, create a **title** element that displays "About Me".
- In the head section, create a **script** element, then add a reference to a javascript file called app.js. Be sure to include the *defer* attribute - you can assume this file is in the same directory as the index.html file.
- In the body section, create two **h1** elements that display different information about you.

Create a DOM tree that represents the HTML page you created

index.html	DOM tree

Skill 20.02 Exercise 1

Draw a DOM tree to represent the HTML page shown. Then indicate what is printed to the console.

index.html

```
<!DOCTYPE html>
<html>
<head>
  <script src="App.js" defer></script>
  <title>About Me</title>
</head>
<body>
  <h1> My Hobbies </h1>
  <p>Soccer</p>
  <p>Chess</p>
  <p>Kayaking</h4>
</body>
</html>
```

DOM tree	
app.js	Console output
<pre> var h = document.head; var b = document.body; var t = document.title; console.log(h); console.log(t); </pre>	

Skill 20.03 Exercise 1
index.html
<pre> <!DOCTYPE html> <html> <head> <script src = "app.js" defer></script> <title>About Me</title> </head> <body> <h1 id = "about"> About Me </h1> <div id = "sports"> <p>Soccer</p> <p>Kayaking</p> </div> <div id = "hobbies"> <p>Chess</p> <p>Cooking</p> </div> </body> </html> </pre>

Refer to the index.html code above. Then write JavaScript to,

- Select and print the contents of the page with an id of sports
- Select and print the contents of the page with an id of hobbies

For the code you wrote above, indicate the output to the console

Skill 20.04 Exercise 1

Indicate what the page looks like after the following JavaScript is applied to the html page.

Index.html

```
<!DOCTYPE html>
<html>
<head>
  <script src="App.js" defer></script>
  <title>About Me</title>
</head>
<body>
  <h1 id="about"> About Me </h1>
  <p><span id="sport">Soccer </span><br><span id="time"> 5 years </span></p>
  <p><span id="hobbie">Baking </span><br><span id="time"> 2 years </span></p>
  <p><span id="pet">Cat </span><br><span id="time"> 6 years </span></p>
</body>
</html>
```

App.js

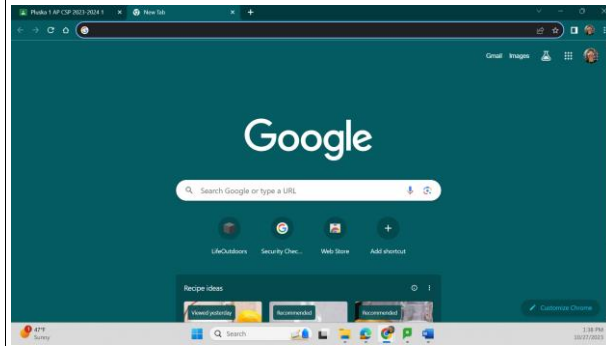
```
document.getElementById("sport").innerHTML = "Softball";
document.getElementById("time").innerHTML = "3 years";
document.getElementById("about").innerHTML = "Code";
var p2 = document.getElementById("pet");
p2.innerHTML = "Gecko";
```

The elements with id = time, does not display as expected. Why?

Skill 20.04 Exercise 2

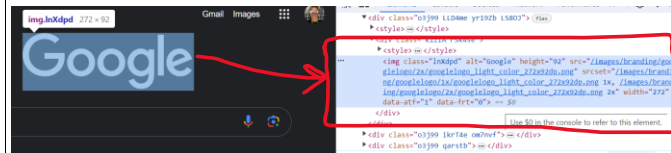
Following the instructions to modify the Google landing page.

Navigate to <http://Google.com>



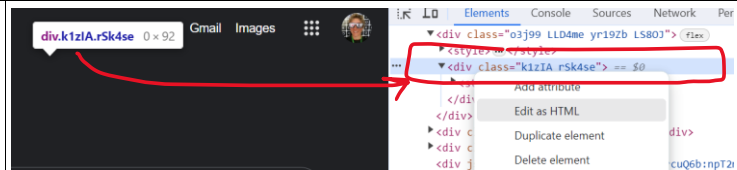
Right click on "Google" and select Inspect.

Select the element responsible for the word Google and hit delete.



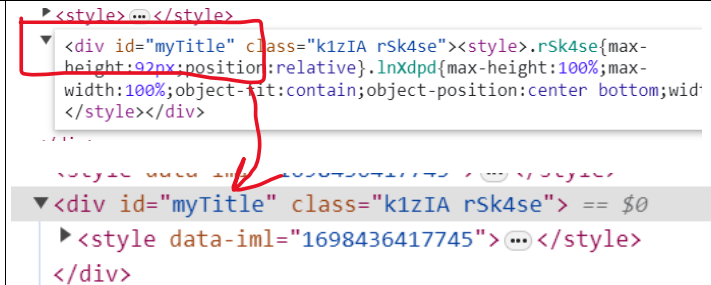
Select the div element that used to hold the element that displayed "Google"

Right click and select Edit as HTML



Add the text `id = "myTitle"` to the element

Click outside the box when you are done and make sure your changes took effect.

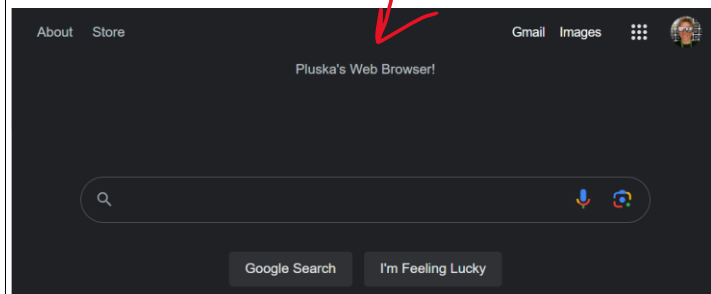


Click on the Console tab. Select the element you just modified and change the contents. The code below illustrates how to do this,

```
document.getElementById("myTitle").innerHTML = "Pluska's Web Browser!"
```

Hit Enter and see your results!

```
> document.getElementById("myTitle").innerHTML = "Pluska's Web Browser!"  
< "Pluska's Web Browser!"  
>
```




For an extra challenge, go to a different website and see if you can modify it!

CNN


USWorldPoliticsBusinessOpinionHealthEntertainmentStyleTravelMore

Live Updates: Israel-Hamas war | Maine shootings | Sam Bankman-Fried trial | Trending: Hurricane Otis | Taylor Swift

Timberline Marching Band is the BEST!



LIVE UPDATES



LIVE UPDATES

Note from Maine suspect indicates he didn't expect to be found alive

- **Victims:** What we know about those who died in the Maine mass shooting
- **Watch:** Victim's father explains why he doesn't hate the shooter
- **CNN Investigates:** Here's what we know about the Maine