

Name _____ Period _____

Skill 21.01 Exercise 1

Draw a DOM tree to represent the html document below

Index.html	DOM tree
<pre><!DOCTYPE html> <html> <head> <title>About Me</title> </head> <body> <h1> My Hobbies </h1> <h2> Soccer </h2> <h4> 5 years </h4> </body> </html></pre>	

Skill 21.02 Exercise 1

Draw a DOM tree to represent the html document below. In the DOM tree diagram, indicate the parent-child relationship for each element.

<pre><!DOCTYPE html> <html> <head> <script src = "App.js" defer></script> <title>About Me</title> </head> <body> <h1> My Hobbies </h1> <div id = "sports"> <h2>Soccer</h2> <h4>5 years</h4> <h2>Swimming</h2> <h4>2 years</h4> </div> </body> </html></pre>	
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Skill 21.03 Exercise 1

Indicate what is printed to the console

Index.html	App.js
<pre><!DOCTYPE html> <html> <head> <script src = "App.js" defer></script> <title>About Me</title> </head> <body> <h1> My Hobbies </h1> <div id = "sports"> <h2>Soccer</h2> <h4>5 years</h4> <h2>Swimming</h2> <h4>2 years</h4> </sports> </body> </html></pre>	(a) var h = document.head; console.log(h);
	(b) var d = document.body; var p = d.firstChild; console.log(p);
	(c) var sports = document.getElementById("sports"); console.log(sports.children);
	(d) var s = document.getElementById("sports").firstElementChild; console.log(s);

Skill 21.03 Exercise 1

(a) Indicate what the page looks like after the following javascript is applied.

(b) The elements with id = time, do not display as expected. Fix the code so they display properly.

Index.html	App.js
<pre><!DOCTYPE html> <html> <head> <script src = "App.js" defer></script> <title>About Me</title> </head> <body> <h1 id = "about"> About Me </h1> <h2 id = "sport"> Soccer </h2> <h4 id = "time"> 5 years </h4> <h2 id = "hobbie">Baking</h2> <h4 id = "time"> 10 years </h4> <h2 id = "pet">Cat</h2> <h4 id = "time"> 6 years </h4> </body> </html></pre>	<pre>document.getElementById("sport").innerHTML = "Softball"; document.getElementById("time").innerHTML = "3 years"; document.getElementById("about").innerHTML = "Wigglesworth"; var p2 = document.getElementById("pet"); p2.innerHTML = "Gecko";</pre>

Skill 21.04 Exercise 1

Write code to style the content as shown

Index.html

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<!DOCTYPE html>
<html>
  <head>
    <script src = "App2.js"
defer></script>
    <title>About Me</title>
  </head>
  <body>
    <h1> My Hobbies </h1>
    <div id = "sports">
      <h2>Soccer</h2>
      <h4>5 years</h4>
      <h2>Swimming</h2>
      <h4>2 years</h4>
    </div>
  </body>
</html>
```

My Hobbies



App.js