

Name \_\_\_\_\_ Period \_\_\_\_\_

### Skill 16.01 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 16.02 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 16.03 Exercise 1
index.html
<pre> &lt;!DOCTYPE html&gt; &lt;html&gt;   &lt;head&gt;     &lt;script src = "app.js" defer&gt;&lt;/script&gt;     &lt;title&gt;About Me&lt;/title&gt;   &lt;/head&gt;   &lt;body&gt;     &lt;h1 id = "about"&gt; About Me &lt;/h1&gt;     &lt;div id = "sports"&gt;       &lt;p&gt;Soccer&lt;/p&gt;       &lt;p&gt;Kayaking&lt;/p&gt;     &lt;/div&gt;     &lt;div id = "hobbies"&gt;       &lt;p&gt;Chess&lt;/p&gt;       &lt;p&gt;Cooking&lt;/p&gt;     &lt;/div&gt;   &lt;/body&gt; &lt;/html&gt; </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 21.04 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, do not display as expected. Why?