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| **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** |
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| **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** | |
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| **app.js** | **Console output** |
| var h = document.head;  var b = document.body;  var t = document.title;  console.log(h);  console.log(t); |  |

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| **Skill 20.03 Exercise 1** |
| **index.html** |
| <!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> |
| 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 |
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| For the code you wrote above, indicate the output to the console |
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| **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"; |
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| The elements with id = time, does not display as expected. Why? |
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| **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! |  |
| For an extra challenge, go to a different website and see if you can modify it! |  |