**Client/Server Model Activity**

In the following activity, you will describe the client/server model displaying a web page. Please do File/Make a Copy to have an editable version of this handout.

1. Go to <https://course.mobilecsp.org/mobilecsp/assets/lib/webpage1.html>
2. Is your computer the client or the server? Fill in the following:

The client here is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The server here is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The protocol used to transmit this HTML page is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Right click on a white space in the [https://course.mobilecsp.org/mobilecsp/assets/lib/webpage1.html](https://course.mobilecsp.org//mobilecsp/assets/lib/webpage1.html) page in your browser and choose **View Source**. You will see the following HTML code:

<html>  
<head><title>Client/Server Web Page Demo</title></head>  
<body>  
 <h1>

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<p>  
 **<a href="webpage2.html"> CLICK HERE! </a>** </h1>  
</body>  
</html>

The **<a href** tag specifies the web page to go to when you click on the words inside the <a></a> tags. So, when you click on **CLICK HERE**, the client requests a web page from the server.

What web page is requested from the server when you click on **CLICK HERE**?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Try clicking on CLICK HERE in <https://course.mobilecsp.org//mobilecsp/assets/lib/webpage1.html> to see what happens. Save a screenshot of what is returned from the server. Right click and choose **View Source** on this new page and save a screenshot of the HTML that is returned.
2. (**Portfolio**) Fill in the blanks in the diagram below with your answers and screenshots describing what happens when you click on CLICK HERE in webpage1.html. If you are using this handout online, double click on the diagram below to open it in Drawing mode to insert your answers and screenshots. If you are using this as a printed handout, write and draw in your answers. Put a screenshot of your finished diagram in your portfolio. You may look at this image <https://course.mobilecsp.org//mobilecsp/assets/img/ClientServer.png> from the slide presentation to help you fill in the diagram.

**Client Browser**

**requests**

Request:

User clicks:

\_\_\_\_\_\_\_\_\_\_\_\_\_

Listen at

Port 80 for

HTTP

requests

**Web Server**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

\_\_\_\_\_\_\_\_

Server’s Disk

Drive

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Browser renders**

**HTML**