

CMSC122 Quiz 1 Worksheet

The first quiz for the course will be on Friday, Jun 12 at the beginning of the class (11:00 am). The following list provides more information about the quiz:

- The quiz will be a written quiz (no computer).
- Closed book, closed notes quiz.
- Answers must be neat and legible. We recommend that you use pencil and eraser.

The following exercises cover the material to be included in this quiz. Solutions to these exercises will not be provided, but you are welcome to discuss your solutions with the TA or instructor during office hours. When ask to write html code only provide what will appear in the <body> </body> section (no need for <html>, <head>, <body>, or DOCTYPE). For this quiz you should only be familiar with the following CSS properties and pseudo-classes: color, font-size (using em for size), a:link, a:visited, a:hover, a:active, font-style (italics), background-color, and font-weight.

Exercises

1. How is data transferred in the internet? For example, how a message is sent from point A to point B?
2. What is an IP Address?
3. What is the relationship between an IP Address and a domain name?
4. What is a web server?
5. What is HTTP?
6. What are the two main parts of an HTML document?
7. Given the following URL:

<http://www.notrealsite123.org:8100/>

Identify the following:

Protocol:

Domain Name:

Port Number:

8. Which HTML tag can be used to define a paragraph?
9. Which HTML tag can be used to define a line break?
10. Name some of the attributes associated with the tag.
11. Define the html associated with the following list. The first list entry is a link to the cnn web site (<http://www.cnn.com/>) and the second one a link to the university (<http://www.umd.edu/>).

- [News](#)
- [UMD](#)

12. Define an HTML table that has two rows and three columns. The data in the table are names of your favorite restaurants. Use a border value of 2 for the table.
13. Define a css rule that makes all paragraph's text red.
14. Define a css rule that makes a link blue (when it has not been selected) and purple once it has been selected.

15. An html file has the following a div tag:

```
<div id="contents">  
    House is really nice  
</div>
```

Define a css rule using id selectors that defines the background of the contents area to be blue.

16. An html file has the following div tag:

```
<div class="importantSection">  
    Projects need to be submitted today.  
</div>
```

Define a css rule using class selectors that defines the font of the div area to be twice the default font size and makes the text appear in yellow and in italics.

17. What is the difference between an id selector and a class selector?