

CS134 Web Site Design & Development

Quiz1

Name: _____

Score: _____

Email: _____

I Multiple Choice Questions (2 points each, total 20 points)

1. Which of the following is an example of an IP address? [Answer: ____]
 - a. www.whitehouse.gov
 - b. http://www.whitehouse.gov/history/index.htm
 - c. .gov
 - d. 216.43.187.162
2. When you are browsing the Web and viewing web pages, your computer is acting as a: [Answer: ____]
 - a. telnet
 - b. client
 - c. server
 - d. packet
3. On Internet, data is transmitted by _____ using the Internet Protocol: [Answer: ____]
 - a. packet switching
 - b. circuit switching
 - c. virtual circuit switching
 - d. combination of circuit switching and packet switching
4. Basic syntax for XHTML tags and attributes is: [Answer: ____]
 - a. `<tag attribute=value> </tag>`
 - b. `<tag attribute=value> <tag>`
 - c. `<tag attribute="value"> <tag>`
 - d. `<tag attribute="value"> </tag>`
5. The XHTML code `CS Department at Pitt` will create a _____ to Pitt CS web page: [Answer: ____]
 - a. internal link
 - b. external link
 - c. anchor
 - d. combination link

Questions 6 to 8 use the following example.

Example 1.

```
.class1 {font-size: 14px}
p {text-indent:5%;}
.ingleft{
  position:relative;
  float:left;
  margin:20px 15px 20px 15px;
  padding:0px;
  border:5px solid silver;
}
```

6. A style sheet consists of a set of **rules**. Each **rule** consists of one or more selectors and a declaration block. In the Example 1, there is/are

[Answer: ____]

- a. no rule
- b. 1 rule
- c. 2 rules
- d. 3 rules

7. In the Example 1, “.class1” is a

[Answer: ____]

- a. selector
- b. rule
- c. declaration block
- d. attribute

8. In the Example 1, “text-indent” is a

[Answer: ____]

- a. attribute
- b. property
- c. stylesheet element
- d. value

9. In the example below

```
<h1 style="color:white; background:orange; font-weight:bold;">This is my
web page</h1>
```

The attribute “style” is used to create:

[Answer: ____]

- a. an internal style sheet
- b. an external style sheet
- c. a local style sheet
- d. none of the above

10. Given that $(33)_{16} = (51)_{10}$, $(CC)_{16} = (204)_{10}$, $(FF)_{16} = (255)_{10}$, the color value

`rgb(51, 204, 255)` in RGB format is equal to the color value _____ in hexadecimal format

- a. `#51CCFF`
- b. `#33CCFF`
- c. `#FFCC33`
- d. `#FFCC51`

II True or false questions (T for true, F for false; 2 points each, total 16 points)

1. Domain Name System (DNS) is a mapping between the human-readable name (domain name) of a host and its IP address. [Answer: ____]

2. A browser is a software program which interprets the HTML documents and displays it on the user's screen. [Answer: ____]

3. A tag is an html code that is enclosed in angel brackets (<>), and it's used to lay out the web page. [Answer: ____]

4. In XHTML, only lowercase tags are allowed. [Answer: ____]

5. In XHTML, tags should appear in pairs, and no overlapping tags are allowed. [Answer: ____]

6. The following XHTML code will display nothing on the screen:
`<!-- abcdefghijklmnopqrstuvwxyz-->` [Answer: ____]

7. The following is a legitimate XHTML code:
`<h2>Bold and italic</h2>` [Answer: ____]

8. If we put the XHTML code `<link href="./myStyle.css" rel="stylesheet" type="text/css" />` in between the `<head>` and `</head>` tags of a web page, then this will tell the web page to use the "myStyle.css" as external stylesheet. [Answer: ____]

III Fill in the blanks. (2 points each, total 28 points)

1. Explain the meaning of each part of the following URL:
<http://socrates.berkeley.edu/courses/history/hist181.html>

`http://` _____
`socrates.berkeley.edu` _____
`/courses/history/hist181.html` _____

2. `
` tag is used for _____.
3. `<h1>` to `<h6>` tags are used for defining _____ text.
4. If a block of text is inserted between `` and `` tags, then that text will be displayed in _____; if they're inserted between `` and `` tags, then that text will be displayed in _____.
5. In the following XHTML code, the text "This paragraph introduces html attributes" is displayed in the browser when _____.

```
<p title="This paragraph introduces html attributes">Welcome to my web page</p>
```
6. CSS is introduced in order to separate _____ from _____.
7. The XHTML tag we use to create unordered list is _____.
8. The XHTML tag we use to create table header in a table is _____.
9. When we're inserting an image in a web page, we use `` tag in the following format:

```

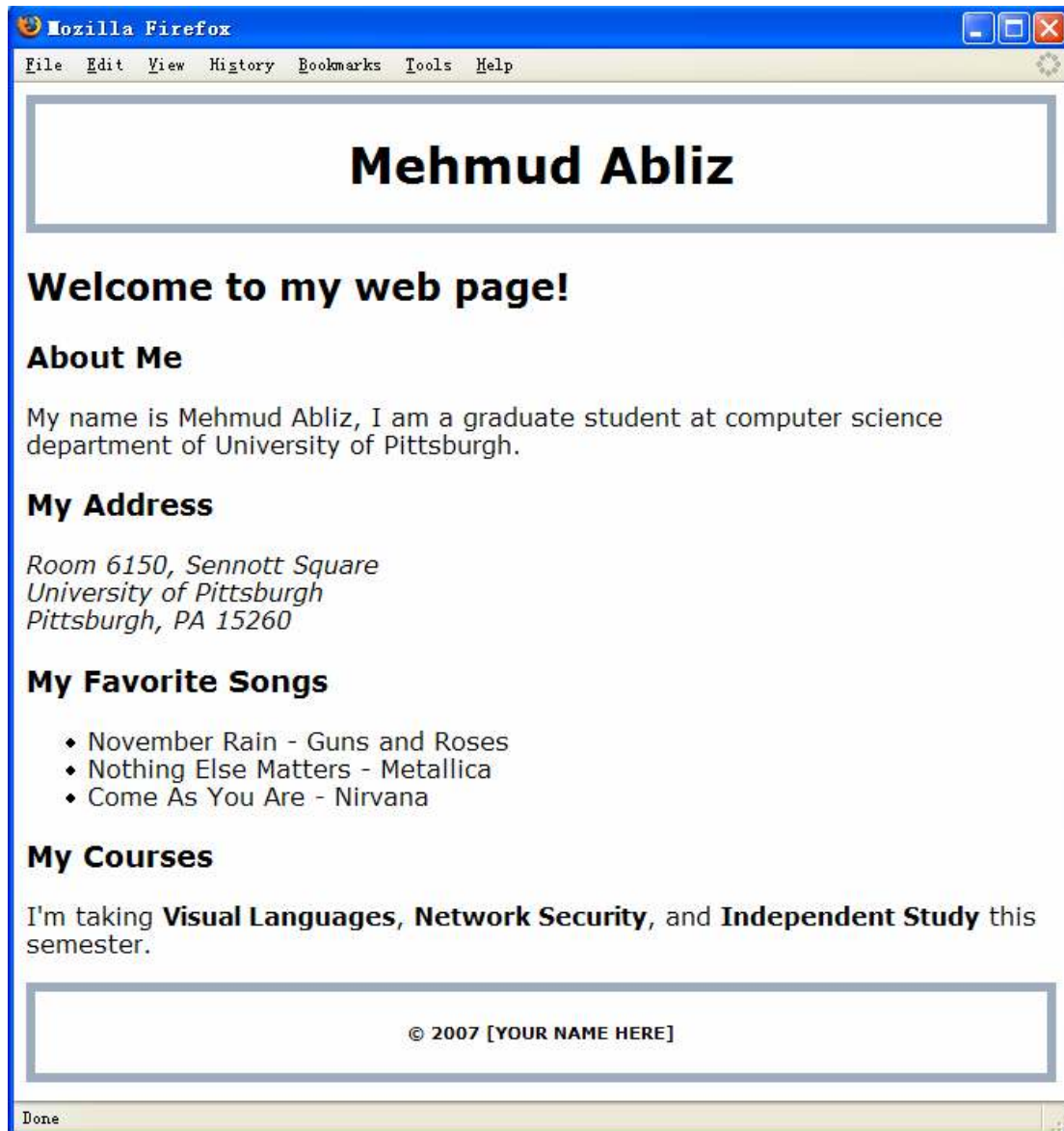
```

In the above format, `value1` is the _____ of the image we want to insert, and `value2` is the _____ of the image.

IV Writing code (36points total)

Write the XHTML source code for the web page in Picture 1. The following information is given to you:

20 pixel padding
6 pixel border with color #9DACBF



The XHTML code for the above web page:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<style>
```
