

Points missed: _____ Student's Name: _____

Total score: _____ /100 points

East Tennessee State University
Department of Computer and Information Sciences
CSCI 1710/Section 001 – Web Design I
TEST 1 for Fall Semester, 2000

Instructor: David Tarnoff

Read this before starting!

- The total possible score for this test is 100 points.
- This test is closed book and closed notes
- **All** answers **must** be placed in blanks provided. Failure to do so will result in no credit for answer.
- If you perform work on the back of a page in this test, indicate that you have done so in case the need arises for partial credit to be determined.

“Fine print”

Academic Misconduct:

ETSU Policy No. 3.13, October 1, 1979:

"All students in attendance at East Tennessee State University are expected to be honorable."

"Academic misconduct will be subject to disciplinary action. Any act of dishonesty in academic work constitutes academic misconduct. This includes plagiarism, the changing or falsifying of any academic documents or materials, cheating, and the giving or receiving of unauthorized aid in tests, examinations, or other assigned school work. Penalties for academic misconduct will vary with the seriousness of the offense and may include, but are not limited to: a grade of "F" on the work in question, a grade of "F" for the course, reprimand, probation, suspension, and expulsion. For a second academic offense, the penalty is permanent expulsion."

- 1.) Circle the valid web-safe colors. (2 points)
- | | | |
|-------------|-------------|-------------|
| a.) #FFFFFF | c.) #4466FF | e.) #000000 |
| b.) #033FF0 | d.) #66FF33 | f.) #123456 |
- 2.) Use the font tag to create a bright red string of text "This text is red". (Hint: The hex value for bright red is #FF0000.) (4 points)
- 3.) What tag do you use to define an item within a list? (2 points)
- 4.) The code below has six mistakes. Circle them. (Note: you do not need to correct them, just identify them.) (12 points)
- ```

<head>
<title>This is the page title</title>
</head>

<body>

<!-- I have placed a comment here...
<!-- and another comment here.
They both end here --> -->

<p>The following is an <bold>unordered</bold> list:</p>

 Item one
 Item two
 Item three

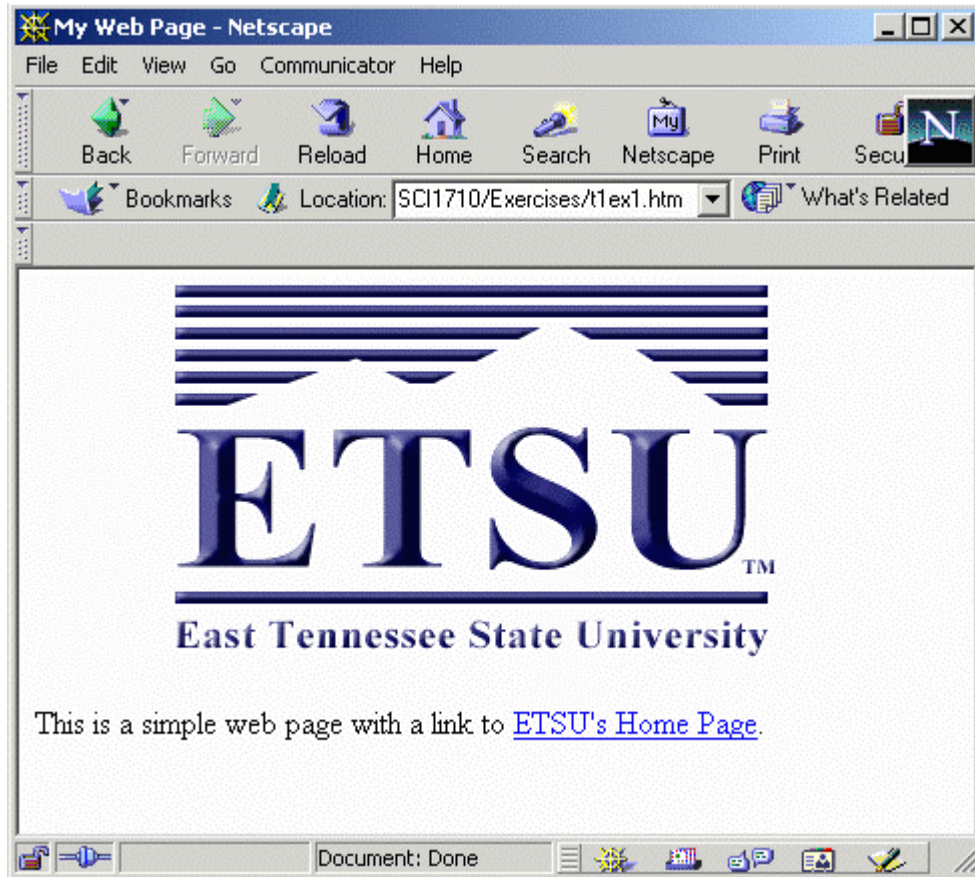
<p>That's about it for this page & its code.<</p>

</body>

</html>

```
- 5.) Which tag can define the attribute for the page background color? (2 points)
- |            |                  |                       |
|------------|------------------|-----------------------|
| a.) <head> | d.) <properties> | g.) (b) or (c)        |
| b.) <p>    | e.) <body>       | h.) none of the above |
| c.) <font> | f.) (a) or (e)   |                       |
- 6.) What is the purpose behind character entities? (4 points)

- 7.) Write the code to recreate the web page shown in the image below. Note that the image is named logo.gif; it is located in subdirectory "images"; its size is 300 pixels wide by 186 pixels high; and it is centered. Text is left justified and the title of the page is "My Web Page". The link points to the ETSU web page at <http://www.etsu.edu/>. Make the background color white. (21 points)





- 12.) Circle the image below that would result in a smaller file size stored in GIF format. (Assume they have the same dimensions.) (5 points)



- 13.) What is the purpose of dithering? (5 points)

- 14.) Indicate whether the following statements are true or false. (2 points each)

- Both GIF formats (GIF87a and GIF89a) store only 256 colors for a picture using a palette.
- Both GIF formats (GIF87a and GIF89a) can store transparencies.
- In an animated GIF, the designer must specify the same display durations for all frames in the sequence.
- GIF is a lossless compression method.
- JPEG limits the number of colors stored to 256
- JPEG is the best method with which to store solid color logos