COMP 441 – Web Design and Development
Assignment 1

1. Print your name in a Tahoma font.

2. Print a paragraph that is a description of a book and includes the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.

3. Print your name to the screen with every letter being a different heading size.

4. Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result. (Example: $10^2 = 100$)

5. Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.

6. Print two addresses in the same format used on the front of envelopes (senders address in top left corner, receivers address in the center).

7. Create some links to various search engines (google, yahoo, altavista, lycos, etc).

8. Create links to five different pages on five different websites that should all open in a new window.

9. Create a page with a link at the top of it that when clicked will jump all the way to the bottom of the page. At the bottom of the page there should be a link to jump back to the top of the page.

10. Display five different images. Skip two lines between each image. Each image should have a title.

11. Display an image that has a border of size 2, a width of 200, and a height of 200.

12. Display an image that when clicked will link to a search engine of your choice (should be opened in a new window).

13. Display an image that when clicked will link to itself and will display the image in the browser by itself.

14. In WEB design what is index.html and what is its importance? (2 Marks)

15. Why are HTML frames not very popular today in web design (2 Marks)

16. Two students were arguing whether HTML is a programming language. They came to you for consultation. What would you tell them? (2 Marks)

17. In HTML scripting, there are very many tags that are used to develop a presentable web pages. One of them is the <TITLE> tag. Mention two importance of the <TITLE> tag. (2 Marks)

18. Write an HTML code that will do the following: (6 Marks – 2each)
    a) An underlined heading. The size should be heading 1 and should be "Favourite football teams"
    b) At the end of the heading, there should be a copyright sign superscripted.
    c) A rule that spreads 50% size of the screen and is centered

19. Illustrate how ALT image attribute is used. (2marks)

20. Write the HTML code that would develop the following output (8 marks)

Picture of your choice →

Arial font →

	My Profile
	Name: Nani Mimi
	Date of Birth: 1993
	Home town: Nakuru
	Occupation: Student

Favourite Teams
- Foreign League
  - *Barcelona*
  - *Arsenal*
  - *Man U*
  - *Chelsea*
  - *Liverpool*
- Local League
  1. *Ulinzi*
  2. *Sofapaka*
  3. *Tusker*
  4. *Ingwe*
  5. *Sirkal*

21. Create a form that would be used to register students. It should appear as indicated below:

STUDENT REGISTRATION FORM

Registration Number: [_____]

Name: [_____]

Gender: [_____]

Level of Study:
```
Diploma
Degree
Masters
PhD
```

Program Studying:
```
Computer Science
Applied Computer Science
Media
Engineering.
```

Mode of Study:
```
Full time
Part time
E-Learning
Weekend
```

[Reset]   [Save]

NOTE:

Where there are several options, a student can only be in one of the options. For example, a student cannot be studying diploma and degree concurrently.

22. Write HTML code that will display the following information

PERFORMANCE			
		CAT 1	CAT 2
Gender	Boys	20.43	21
	Girls	19.54	21.93

23. In the table above (Q.22), implement the usage of
    a) Cellspacing
    b) Cellpading