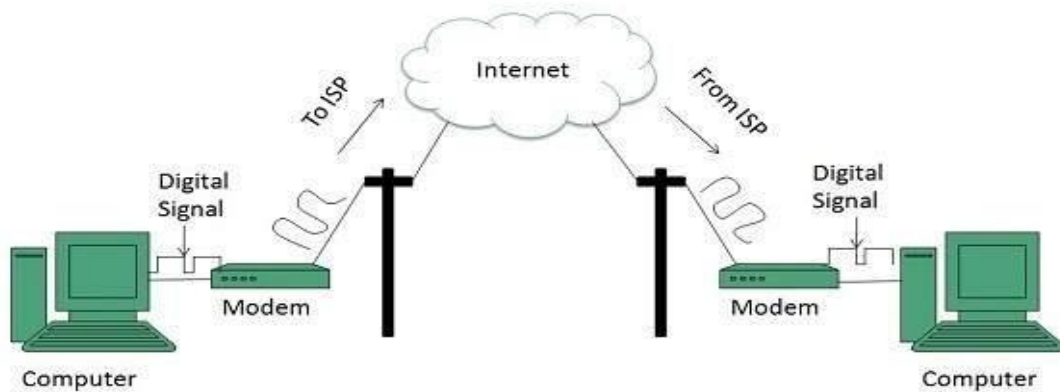
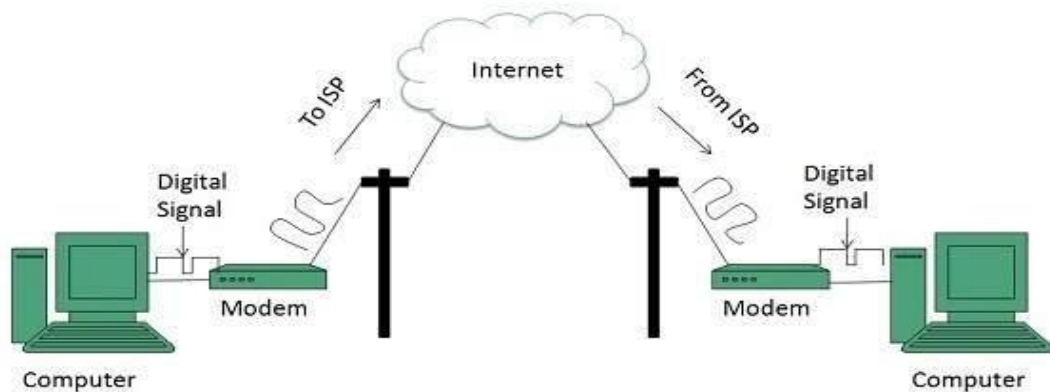


**GLS UNIVERSITY**  
**Bachelor of Computer Applications (BCA)**  
**(Core Course)**  
**Semester- I**  
**0301106 Introduction to HTML5, CSS, and JavaScript**

**Unit-1 Fundamentals of HTML5**

1. Create your Bio-Data in a proper format.
2. Create a webpage that consists of two images and separate it by a horizontal line.



3. Create an attractive webpage using the following tags.
  - Formatting Tags
  - Heading Tags
  - Mark, Div
  - Marquee, Blockquote

- Special Characters
4. Create a list like below.

### **Things to do today**

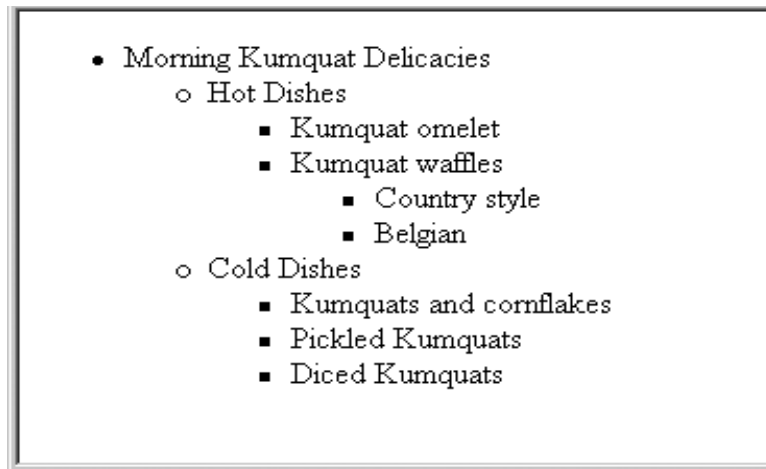
1. Feed cat
  - Rinse bowl
  - Open cat food
  - Mix dry and wet food in bowl
  - Deliver on a silver platter to Pixel
2. Wash car
  - Vacuum interior
  - Wash exterior
  - Wax exterior
3. Grocery shopping
  - Plan meals
  - Clean out fridge
  - Make list
  - Go to store

5. Create a list like below.

### **Computer Primary Component**

1. Input Device
  - a. Direct Input
    - Scanner
  - b. Indirect Input
    - Keyboard
    - Mouse
2. Output Device
  - a. Monitor
    - CRT Monitor
    - LCD Monitor
  - b. Speaker
3. Processing Device
  - a. ALU
    - Arithmetic Unit
    - Logic Unit
  - b. CU
4. Storage Device
  - a. Primary Stroage
    - RAM
      - I. SRAM
      - II. DRAM

6. Create a list like below.



7. Creates tags with the following properties.

- i. Display the GLS University with the following properties
  - a. Text alignment should be center
  - b. The font color should be blue
  - c. Font style should be Courier
  - d. Font should be underlined
- ii. Display the Course offered  
BCA  
IMScIT  
IMCA  
BCA(Hons.)

All text should be scrolling with a different direction, different background color, different speed, different loop, different background color, and different font color.
- iii. Display The college details in the division tag.
  - a. All details stores division tag
  - b. The border color should be red
  - c. Background color should be yellow
  - d. The text color should be green and bold and the font size should be 70px.

8. Create 6 paragraphs using all tags and attributes and divide them using a division tag or horizontal line and give a link. 1<sup>st</sup> & 3<sup>rd</sup> paragraphs and use an image tag in the 4<sup>th</sup> & 6<sup>th</sup> paragraph

9. Create a list like below.

## Computer Primary Component

1. Input Device
  - a. Direct Input
    - Scanner
  - b. Indirect Input
    - Keyboard
    - Mouse
2. Output Device
  - a. Monitor
    - CRT Monitor
    - LCD Monitor
  - b. Speaker
3. Processing Device
  - a. ALU
    - Arithmetic Unit
    - Logic Unit
  - b. CU
4. Storage Device
  - a. Primary Stroage
    - RAM
      - I. SRAM
      - II. DRAM


10. Add an Image to your webpage and demonstrate the image map with different clickable areas with different shapes.
11. Create a table like below

1	2		
3	4	5	6
	7	8	
	9		10

12. Create a table like below

S.No	Name	Score
	Tina	100
2	Nina	99

13. Create a table like below:

Seasons		
March/April	Spring	Cold
		Warm
		Warm

14. Create a table like below:

Student Name	Student Reg No.	Subject Name	Obtained Marks	Total Marks	Average Marks
Alan	Std-01	Math	50.00	150.00	50.00
		Physics	50.00		
		Chemistry	50.00		
Scott	Std-01	Math	50.00	150.00	50.00
		Physics	50.00		
		Chemistry	50.00		
John	Std-01	Math	50.00	150.00	50.00
		Physics	50.00		
		Chemistry	50.00		

15. Create a table like below:

HTML Table Example

Student Name		Labs			Avg
First	Last	Lab1	Lab2	Lab3	
Sol	Rosenberg	100	100	100	100.0
Frank	Rizzo	50	60	90	66.6
Ali	Kam	90	80	60	76.6
Summary	Avg	80.0	80.0	83.3	81.1
	Min	50	60	60	66.6

16. Create list like below.

# The Great American Novel

- I. Introduction
  - A. Boy's Childhood
  - B. Girl's Childhood
- II. Development
  - A. Boy meets Girl
  - B. Boy and Girl fall in love
  - C. Boy and Girl have fight
- III. Climax
  - A. Boy gives Girl ultimate
    - 1. Girl can't believe her ears
    - 2. Boy is indignant at Girl's Indigance
  - B. Girl tells Boy to get lost
- IV. Denouement
- V. Epilogue

17. Create a List like below.

## Nested List

- I. Background Skills
  - A. Unix Commands
  - B. Vim Text Editors
- II. HTML
  - A. Minimal Page
  - B. Headings
  - C. Elements
  - D. Lists
    - i. Unordered
    - ii. Ordered
    - iii. Definition
    - iv. Nested
  - E. Links
    - i. Absolute
    - ii. Relative
  - F. Images
- III. CSS
  - A. Anatomy
  - B. Basic Selectors
    - i. Element
    - ii. Class
    - iii. ID
    - iv. Group
  - C. The DOM
  - D. Advanced Selectors
  - E. Box Model
- IV. Programming
  - A. Python
  - B. JavaScript
- V. Database
  - A. Flat File
  - B. Relational

18. Create a List like below.

Verbs:

1. Conjugation

a. Present Tense

i. 3 Letter Verbs

1. Regular

- a. Middle letter is a consonant
- b. See Chart in notebook for conjugations
- c. "I form" determines conjugation and is different from infinitive form.
- d. You(m) – They switches harakes of the first two letters.
- e. Exceptions
  - i. 2ija (to come) has alif masourah
    - 1. Skips alif when conjugating
    - 2. Alif masourah turns into a ya when conjugating
    - 3. You (p) and they switches "ya" with "wow"

2. Irregular

- a. Middle letter is alif or consonant with shaddeh + fatha
  - i. Alif – switches to wow or ya
  - ii. Shaddeh – fatha switches to kasra
- b. See Chart in notebook for conjugations
- c. Exceptions

ii. 4 Letter Verbs...

iii. 5 Letter Verbs...

iv. 2 Letter Verbs...

b. Past Tense

c. Present Continuous

d. Past continuous

e. Future Tense

f. Far Past

Imperative