Kathmandu BernHardt College

Bafal, Ringroad Kathmandu

Assignment 1

Program : Bachelor of Computer Application
Year/Part : II/I
Subject: Web Technology (CACS205)
Submission Deadline : 2025-03-10

Assignment should be handwritten.

Students are required to answer in their own.

Students can use lecture notes as reference.

Attempt all the questions

1. What is HTML? Explain HTML document structure. Which element is used for linking and navigation in HTML?

2. What is hyperlink? What are different types of links used in HTML? Explain all types of links with an example for each.

3. How many types of headings are there in HTML? Describe about HTML Header and Elements of HTML Headers.

4. Differentiate between tags and attributes? Write a HTML and CSS code design your Curriculum Vitae (CV).

5. What is HTML 5? Explain characteristics of HTML 5.

6. What is an image map? Describe the key steps involved in creating a client image map in HTML using necessary tags and attributes.

7. Compare and contrast between a block-level element and an inline element in HTML

8. Define lists used in HTML5. Write down the types of list with examples.

9. Design the following website's Menu with use of HTML list and appropriate CSS.

     Home | News | Contact | About

10. What are different types of lists in HTML? Write HTML code to create following list

   a)

      1. Orange

      2. Mango

      3. Apple

- Red Apple
- Green Apple

b)

1.Coffee
    a)Cappuccino
    b)Americano
    c)Latte
2.Tea
    a) Black Tea
    b) Green Tea
        ▪ Kanyam Tea
        ▪ Taplejung Tea
3.Milk

11. What is Form? What are the form elements used in html? Explain with suitable example.

12. Write HTML code to generate following form.

Name : [_____]
Address : [_____]
Phone: [_____]

13. What do you mean by form in HTML? Mention different attributes of form.

14. Describe the tags and attributes for a form in HTML document?

15. Write a HTML code to create student registration form using input, multiline input, checkbox, radio, select, file upload, hidden, and button controls.

16. What are the new form elements introduced in HTML5 and how do they differ from previous versions?

17. How do you create nested table in HTML? Explain with an example.

18. Explain rowspan and colspan in table. Explain HTML table with an example.

19. Write html code to create following table. (Hint : you can use style attr for table cell height)

a)

This is header section		

b)

S.N.	Description	Unit	Quantity	Ichhya Shakti Auto	
				Unit Price	Total Price
1	Pulsar 150	Number	1	250000	250000
1	Pulsar 2200	Number	1	390000	390000

c)

	Name	Salary
This is first empty cell	Ramesh Raman	5000
	Shabbir Hussein	7000

d)

	Average		Red
	Height	Weight	Eyes
Males	1.5	0.004	45%
Females	1.4	0.006	47%

e)

Magic Table			
8		7	80
20	40		
	25	50	
60	90		30

20. Explain Frame and Frameset with example.

21. What is the use of <noframe> tag? Explain about <frameset> and <frame> tag with an example.

22. What is CSS? Discuss types of CSS with example.

23. Enlist and explain method of using CSS in web page.

24. What are the various font-related attributes in CSS? Explain with suitable example.

25. What is CSS? Explain CSS Box model along with its related properties and

example.

26. What is CSS Selector? Explain different types of selector with suitable example.

27. Write an HTML script with CSS for following elements with effects:

   a) Link: after visited red color and before visited blue color.

   b) Table with odd rows pink and even rows blue color.

   c) Text color-green, Text-indentation - 2cm, Text case – uppercase.

28. 3. Write HTML and CSS code to design following layout.

   a)

Logo	
Navigation	
Header Banner	
Side Bar	Body Area
Footer	

   b)

Phone:01-545454545 Address: Kirtipur Kathmandu	Social Media List(Link)
Logo[Image] Website Name[h1]	
Menu	
Recent Posts	
• Post 1 title	[Image]
• Post 2 title	Description……..(Paragraph)
• Post 3 title	
• Post 4 title	
• Post 5 title	
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29. Write short notes on

   a) HTML Headers

   b) GET and POST method