



B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LABORATORY NAME: DENNIS RITCHIE LAB(C104)
ACADEMIC YEAR: 2018-2019 ODD SEMESTER
LIST OF EXPERIMENTS

INTERNET TECHNOLOGY CS 795A

TOPIC	LIST OF EXPERIMENTS	CO	PO/ PSO
Applet	1. Create a banner using Applet 2. Display clock using Applet 3. Create different shapes using Applet 4. Fill colors in shapes using Applet 5. Goto a link using Applet 6. Create an event listener in Applet 7. Display image using Applet 8. Open a link in a new window using Applet 9. Play sound using Applet 10. Read a file using Applet 11. Write to a file using Applet JavaScript 12. Validate the fields of a form using JavaScript. 13. Guess a number based on user input.	CO1	PO1, PO2, PO3, PO4,P O5,PO 11,PO 12,
JavaScript	14. Program on image rollover using JavaScript. 15. Display clock using JavaScript. 16. Prompt, alert, array, looping in JavaScript. 17. Calculator using JavaScript. 18. Validate e-mail, phone no. using reg-ex in JavaScript.	CO1	PO1, PO2, PO3, PO4,P O5,PO 11,PO 12, PSO2
Perl	19. Write a perl script to implement associative array. 20. Write a perl script to implement the regular expression as follows: a). If a string contains any vowel, count the total number of vowels. b). If a string starts with MCA and end with bw, print 1 else 0. c). If string starts with 0 or any no. a's, then print 1 else 0. 21. Write an html code to call a perl script from cgi-bin. 22. Implement the following with regular expression in Perl: a). a*bc	CO2	PO1, PO2, PO3, PO4,P O5,PO 11,PO 12, PSO2

	<p>b). a* at least 2 b's c). a*exactly 3 b's</p> <p>23. A simple File operation using Perl.</p>		
Client Server Programming	<p>24. Write a socket program to get the current date and time from the server.</p> <p>25. Write a socket program where the client will send lowercase letters and the server will return uppercase letter.</p> <p>26. Write a server and a client program to implement TCP chat server-client.</p> <p>27. Create a simple calculator application using Java RMI.</p>	CO3	PO1, PO2, PO3, PO4,P O5,PO 11,PO 12, PSO2
HTML	<p>1. Start your web page with an <html> tag</p> <p>i) Add a heading. ii) Add a title. iii) Start the <body> section. iv) Add the following text using <H1> and </H1> tags: This Web page was designed by (your name) v) Add the following text using <H2> and </H2> tags: My HTML assignment vi) Add a horizontal line vii) Insert an image to your web page. Note: You should then refer to your image with just the filename, and NOT the entire pathname to the file. viii) Add another horizontal line. ix) Enter a paragraph of text. Write about things you have learned in html. Make sure the text in this paragraph is a color other than black, but something one can see. Add a link that takes you to your favorite webpage.</p> <p>x) Start a new paragraph. Add a three item ordered list. Make it creative (don't just say item 1, item 2, etc... and keep it clean)! xi) Close out your body and html tags.</p> <p>2. Start your web page with an <html> tag</p> <p>i) Add a heading. ii) Add a title. iii) Start the <body> section. iv) Start a new paragraph. Use alignment attribute, Use bold, italic, underline tags, Use font tag and associated attributes, Use heading tags,</p>	CO4	PO1, PO2, PO3, PO4,P O5,PO 9,PO1 1,PO1 2, PSO2

Use preserve tag,
Use non breaking spaces (escape character).

3. Start your web page with an <html> tag

- i) Add a heading.
- ii) Add a title.
- iii) Start the <body> section.
- iv) Start a new paragraph.

Create Hyperlinks:

- (a) Within the HTML document.
- (b) To another URL.
- (c) To a file that can be rendered in the browser.

4. Start your web page with an <html> tag

- i) Add a heading.
- ii) Add a title.
- iii) Start the <body> section.

Create an unordered list,

Create an ordered list,

Use various bullet styles,

Created nested lists,

Use the font tag in conjunction with lists,

Create definition lists,

Use graphics as bullets.

5. Start your web page with an <html> tag

- i) Add a heading.
- ii) Add a title.
- iii) Start the <body> section.

a) Create a simple table

Create borders and adjust border size.

Adjust table cell spacing.

Change border color.

Change table background color.

b) Align a new table on HTML page.

Perform cell text alignment,

Create multi-column tables,

Display information about your academic qualification into this table.

6. Start your web page with an <html> tag

- i) Add a heading.
- ii) Add a title.
- iii) Start the <body> section.

Create a frameset:

Use frame tags,
Create vertical (column) frames,
Create horizontal (row) frames,
Create complex framesets,
Use the hyperlink tag to target displaying an HTML page to another frame.

7. Start your web page with an <html> tag

- i) Add a heading.
- ii) Add a title.
- iii) Start the <body> section.

Create a simple HTML form.

Use the input tag to create a: text box; text area box; check box; list box; radio button; password field; popup menu; hidden field.
Use submit and reset buttons. Create an admission form using the above information.

8. Create a web page that will include an image. Then create image map to watch different parts of that image closely.

9. Using frames as an interface, create a series of web pages where the theme is to provide resources (internet, intranet, static HTML pages) pertaining to the subject of HTML. Ideally, your goal is to create a resource that you can use long after this module when needing information on HTML. As a minimum requirement to this assignment your webpage should:

- Consist of at least 3 frames.
- Contain at least 5 URLs to internet and/or intranet sites that you can reference as part of your job.
- Contain at least 5 references to documents that you have created that you use on a regular basis.
- Contain at least 5 references to documents others have created that you use on a regular basis.
- Be organized in a fashion that is logical and intuitive to you.
- Is done with enough quality that you would not be opposed to it being a link at another site.

10. Create a web page as you wish and the html elements of the

	page will be styled by CSS.		
XML	<p>1. Write a XML program that will create an XML document which contains your mailing address.</p> <p>2. Write a XML program that will create an XML document which contains description of three book category.</p> <p>3. Create an XML document that contains the name and price per pound of coffee beans.</p> <p> i) In your XML document mention all properties of XML declaration.</p> <p> ii) The root element has name <coffee_bean></p> <p> iii) Create nested elements for different types of coffee.</p> <p> iv) Validate the document and if any parsing error is present, fix them.</p> <p>4. Create an XML document that contains airline flight information.</p> <p> i) In your XML document mention all properties of XML declaration.</p> <p> ii) The root element has name <airlines></p> <p> iii) Create three nested <carrier> elements for three separate airlines. Each element should include a name attribute.</p> <p> iv) Within each <carrier> nest at least two <flight>, each of which contains departure_city, destination_city, fl_no, dept_time.</p> <p> v) Validate the document and if any parsing error is present fix them.</p> <p>5. Create an XML version of your resume. Include elements such as your name and position desired. Nest each of your former employers within an <employer> element. Also, nest your educational experience within an <education> element. Create any other nested elements that you deem appropriate, such as <references> or <spcl_skills> elements.</p> <p>6. Create a DTD on product catalog.</p>	CO5	PO1, PO2, PO3, PO4,P O5,PO 9,PO1 1,PO1 2,PSO 2

Additional Program	1. Developing a web page and designing it as a front end interface 2. Chat Server Program using the concept of server client programs	CO2, CO4, CO5, CO3	PO1, PO2, PO3, PO4,P O5,PO 9,PO1 1,PO1 2,PSO 2
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