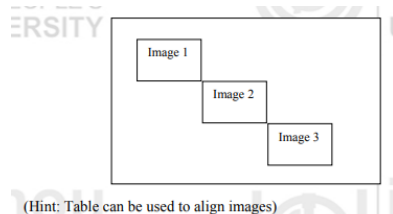


Exercises

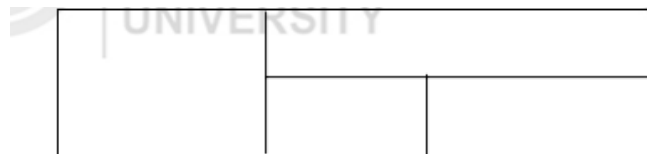
1. Write HTML code to develop a Web page having the background in red and title "My First Page" in any other colour and page containing text, in form of paragraphs giving suitable heading style.
2. Create a Web page, showing an ordered and unordered list of the names of five of your friends.
3. Create an HTML document containing a nested list showing the content page of any book.
4. Create the following table in HTML with Dummy Data

Name of train	Place	Destination	Train No.	Time	Fair
				Arrival	

5. Design an HTML Page having 3 images placed in the following format



6. Write an HTML code to develop a Web page having two frames that divide the Web page into two equal rows and then divide the second row into two equal columns.



7. Evaluate the expression: using Javascript
 - ☐ 7+5
 - ☐ "7" + "5"
 - ☐ 7 * 5
 - ☐ 7/5
 - ☐ 7 % 5
8. Write a JavaScript code to perform the two-digit arithmetic operations: Addition, Subtraction, Multiplication and Division.
9. Write a JavaScript code to print 1 for 1 time, 2 for 2 times, 3 for 3 times and so on up to 10
10. Design a web page that describes you. Your page must include following details (extra details and creativity are welcome):
11. Create an HTML webpage, as shown in figure. The user can specify any expression as input. Use form element to collect the user data.

Expression	Result
1+1	
1+1*2	

submit

12. Create a scrolling list that shows five items from the following list of PC processors: Intel i7, Motorola 68000, AMD Athlon , Intel 8088, AMD Ryzon, Intel Pentium MMX, Intel i3, Intel Pentium II, Intel Pentium III, Intel i5, Intel Celeron, PowerPC G3, PowerPC G4,.
13. Design a webpage for a software company to accept on-line job applications. The webpage must be designed to use form with elements:

- ☞ Position applied for (autofocus), name, nationality, date of birth (selected from an auto picker), address (in a text area), telephone number and email (required).
 - ☞ Educational history and qualifications.
 - ☞ Web Design Lab Web Design Lab Work experience/employment/training in terms of employer history and number of years of experience selected from a slider. Set maximum years of experience to 10 years.
 - ☞ Personal statement.
 - ☞ Two referees including names, occupation, relationship, address, telephone.
14. Create an HTML website to display the time table of all the 4 years of B. Tech. (even semester of each year). It should contain a home page where link to each year's time table is listed. On click to any year time table a new web page should be open displaying the corresponding time table. Apply the following effects on the table using CSS: time table is listed. On click to any year time table a new web page should be open displaying the corresponding time table. Apply the following effects on the table using CSS:
- ☞ Common to all:
 - Display day names (Mon, Tue etc...) in bold format with the first letter in the day name in uppercase.
 - Display lunch slightly in bigger font other than the remaining text.
 - ☞ Specific to each year:
 - For 1st year
 - Apply blue as the background colour and white for the colour of the text in the table header.
 - For 2nd year
 - Apply green as the background colour and white for the colour of the text in the table header.
 - For 3rd year
 - Apply purple as the background colour and white for the colour of the text in the table header.
 - For 4th year
 - Apply yellow as the background colour and black for the colour of the text in the table header.
15. Create an HTML webpage to show personal information i.e. name, class, qualifications, photo, address etc. Make use of tables as when possible. Apply the following style information using CSS:
- ☞ Display the heading of the page in Arial font and with font size of 18px.
 - ☞ Align all the field names like Name, Class, Photo etc to left in the table.
 - ☞ Apply yellow color as background colour in left side cells contains field names like Name, Class etc...
 - ☞ Set college logo as background image to the web page.
16. Design an HTML page using JavaScript as shown below. When Try button is pressed, the Full Name should be shown below the Try button. (Hint: Use concatenation to get Full Name.

Accessing all the elements of HTML Form with document.forms

First name:

Last name:

Click on "Try" button to show the value of elements in the form.

On Click on Try:

Accessing all the elements of HTML Form with document.forms

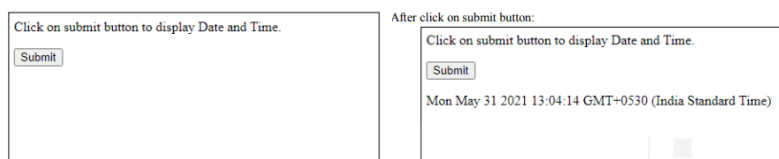
First name:

Last name:

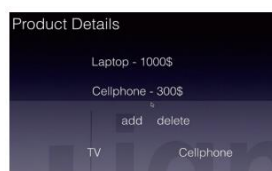
Click on "Try" button to show the value of elements in the form.

Bhagat
Singh

17. Modify the below snippet of the code to change the src attribute of the image HOHPHQW WR 3STU.MSJ' XVLQJ HTML DOM.
18. Write the JavaScript code to change the color of the HTML element h2 to green, on click the "changecolor" button.
19. Design an HTML page as shown below. Implement the event "On button click display the date" using HTML DOM events. Before click on submit button:



20. Design an HTML page to shown that, when this page is loaded it must check the cookies status of user's browser and display a message accordingly in the popup box i.e. if cookies are enables show: "Cookies are enabled" and if not then show: "Cookies are disables". Implement the event "On load" using HTML DOM events.
21. Whenever user input a text in the text box in any case (i.e. upper or lower case), automatically it should be converted to uppercase. Design an HTML page to implement it should be converted to uppercase. Design an HTML page to implement above functionality using HTML DOM event "onChange".
22. Design HTML page to implement HTML DOM events by changing an image on the following events: onmouseover, onmouseout, onmousedown, and onmouseup Events.
23. Which function on the document object should be used to retrieve a HTML element uniquely?
24. Which JavaScript function can be used to dynamically add a event listener to a HTML Element?
25. Which method should be used to add a new HTML child element?
26. Using the DOM API, create a product details page which shows the prices of a laptop and a cell phone. You may paragraph tag to wrap these elements. When the user clicks on add button, you should able to add TV with price details and when you click on delete button then cell phone details will be deleted.



27. Write an HTML code using JavaScript to add two numbers taken as input from user and display the result of division operation on them i.e. a/b. If an error occurs, show the error. Use error handling concepts in JavaScript.
28. A teacher has created a grade Labs function that verifies if student programming labs work. This function loops over an array of JavaScript objects that should contain a student property and run Lab property. The run Lab property is expected to be a function containing the student's code. The run Lab function is called and the result is compared to the expected result. If the result and expected result don't match, then the lab is considered a failure.
29. Create a object 'product' with properties: ID, Name, Description and Price. Then create function for this object called displayProductDetails(). This function when invoked should display the name, description and discounted price of the product. For the calculation of discounted price, you need to create another function CalculateDisc(percentage). The discount percentage would be given by user.
30. Implement a clock in HTML which shows the live time in the format HH:MM:SS. Use the JavaScript setInterval() method and a callback function by displaying the system time every second.