**INDEX**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N** | **TITLE** | **DATE** | **SIGNATURE** |
| **1** | **HTML Introduction** | **24TH JAN 2025** |  |
| **2** | **Display your name at browser’s title and name and college info as plain text in a web browser.** | **24TH JAN 2025** |  |
| **3** | **Display your name and address details in a web browser declared inside the body.** | **24TH JAN 2025** |  |
| **4** | **Write a complete source code to demonstrate the use of HTML, head, title, and body tags.** | **24TH JAN 2025** |  |
| **5** | **Write a source code to demonstrate whitespace collapsing.** | **24TH JAN 2025** |  |
| **6** | **Create two paragraphs with the headings** | **24TH JAN 2025** |  |
| **7** | **Create an html page to display your bio data using <pre> tag.** | **31ST JAN 2025** |  |
| **8** | **Write HTML code to demonstrate the use of** | **31ST JAN 2025** |  |
| **9** | **Write HTML code to demonstrate:** | **31ST JAN 2025** |  |
| **10** | **List the images as list item.** | **31ST JAN 2025** |  |
| **11** | **Write HTML code to demonstrate the use of URLs along with absolute and relative URLs.** | **31ST JAN 2025** |  |
| **12** | **Create a link in HTML? Show a proper section of the code.** | **31ST JAN 2025** |  |
| **13** | **Write HTML code to generate the output with the use of anchor tags:** | **31ST JAN 2025** |  |
| **14** | **Create an image gallery of any three popular places in Nepal.** | **7TH FEB 2025** |  |
| **15** | **Demonstrate the use of align, vspace and hspace attribute using minimum of six images.** | **7TH FEB 2025** |  |
| **16** | **Create a web page that demonstrates the use of destination anchors using name, id attributes.** | **7TH FEB 2025** |  |
| **17** | **Create a webpage to containing about your college and links to your university website.** | **7TH FEB 2025** |  |
| **18** | **Demonstrate the use of top to bottom and bottom to top link using anchor tags.** | **7TH FEB 2025** |  |
| **19** | **Write HTML code to create an image gallery of 9 images with 3 images in a row.** | **7TH FEB 2025** |  |
| **20** | **Write a HTML code to demonstrate how audio, video can be added to the web pages.** | **7TH FEB 2025** |  |
| **21** | **Write the HTML code to make table.** | **7TH FEB 2025** |  |
| **22** | **Design the following single table using HTML.** | **14TH FEB 2025** |  |
| **23** | **Design the following table using nested tables in HTML.** | **14TH FEB 2025** |  |
| **24** | **Design an html form to submit a job application form** | **14TH FEB 2025** |  |
| **25** | **Demonstrate HTML5 tags (like article, aside, figure, section).** | **14TH FEB 2025** |  |
| **26** | **Demonstrate the use of the HTML5 datetime and range input type.** | **14TH FEB 2025** |  |
| **27** | **CSS Introduction** | **21ST FEB 2025** |  |
| **28** | **Illustrate the use of background properties in CSS.** | **21ST FEB 2025** |  |
| **29** | **Construct a web page with four paragraph and style using CSS.** | **21ST FEB 2025** |  |
| **30** | **Design a web page with six images and style them using external CSS.** | **21ST FEB 2025** |  |
| **31** | **Make a nested list using internal CSS.** | **21ST FEB 2025** |  |
| **32** | **Make a web page having 3 rows and 2 columns with all the hyperlinks & style using external CSS.** | **21ST FEB 2025** |  |
| **33** | **Design an form to demonstrate the 10 different types of controls generated using INPUT tag.** | **27TH FEB 2025** |  |
| **34** | **Design the given table and style.** | **27TH FEB 2025** |  |
| **35** | **Design a horizontal menu of any five options and style.** | **27TH FEB 2025** |  |
| **36** | **Develop a web page with a before the paragraph with red color and yellow background using CSS.** | **27TH FEB 2025** |  |
| **37** | **Illustrate the concept of pseudo elements (::after, ::first-letter, ::selection, ::first-line).** | **27TH FEB 2025** |  |
| **38** | **Design following list using html and css.** | **27TH FEB 2025** |  |
| **39** | **JavaScript Introduction** | **7TH MAR 2025** |  |
| **40** | **Declare variables of different data types. Perform operations on these variables and display.** | **7TH MAR 2025** |  |
| **41** | **Write a JavaScript program that uses if-else statements to determine if a number is even or odd. Implement a loop to print numbers from 1 to 10.** | **7TH MAR 2025** |  |
| **42** | **Create a function that accepts user input using the prompt method and displays the input using an alert box. Use a confirm box to ask the user for a yes/no response and display the result.** | **7TH MAR 2025** |  |
| **43** | **Define an object representing a person with properties like name, age, and address. Access and display these properties values.** | **7TH MAR 2025** |  |
| **44** | **Declare an array of colors. Use a loop to iterate through the array and display each color on the webpage in HTML table.** | **7TH MAR 2025** |  |
| **45** | **Explain all the following built-in objects with examples.** | **7TH MAR 2025** |  |
| **46** | **Utilize the Date object to display the current date and time.** | **7TH MAR 2025** |  |
| **47** | **Use the Math object to perform a mathematical operation.** | **14TH MAR 2025** |  |
| **48** | **Create a user-defined object representing a car. Implement an event handler that triggers when a button is clicked, updating the car's properties.** | **14TH MAR 2025** |  |
| **49** | **Write a JavaScript program that includes a try-catch block to handle potential errors. Trigger an error intentionally and observe how it's caught.** | **14TH MAR 2025** |  |
| **50** | **How events are handled in JavaScript? Illustrate with examples.** | **14TH MAR 2025** |  |
| **51** | **Implement JavaScript code to set and retrieve cookies. Display the stored cookie information on the webpage.** | **14TH MAR 2025** |  |
| **52** | **Integrate jQuery into an HTML document. Use different selectors (element, ID, class) to manipulate elements on the webpage.** | **14TH MAR 2025** |  |
| **53** | **Implement jQuery events for mouse interactions (e.g., click, hover) on specific elements. Display relevant information when these events occur.** | **14TH MAR 2025** |  |
| **54** | **Apply various jQuery effects (hide, show, fade, slide) to elements on webpage. Create a button that triggers a combination of these effects.** | **21ST MAR 2025** |  |
| **55** | **Develop a form with input fields. Use jQuery to validate the form, providing feedback to users for correct or incorrect entries.** | **21ST MAR 2025** |  |
| **56** | **Form validation email addresses, ensure passwords match, and check if a phone number follows a specific format.** | **21ST MAR 2025** |  |
| **57** | **How animation is done using jQuery? Illustrate with example.** | **21ST MAR 2025** |  |
| **58** | **Create a Web form   that contains a text field for name, age, phone number, email, dropdown for colleges, radio for gender and a checkbox for I accept all the terms. Perform the client-side validations in JavaScript.** | **21ST MAR 2025** |  |
| **59** | **Develop a form where validation occurs in real-time as the user types. Use events like keyup or input to trigger immediate feedback on the validity of the entered data.** | **21ST MAR 2025** |  |
| **60** | **Design a form with conditional validation. Validate a postal code only if a specific country is selected.** | **21ST MAR 2025** |  |
| **61** | **XML Introduction** | **26TH MAR 2025** |  |
| **62** | **Create a simple XML element.** | **26TH MAR 2025** |  |
| **63** | **Create a XML document with simple and complex type.** | **26TH MAR 2025** |  |
| **64** | **Create an XML document that conforms to the following DTD.** | **26TH MAR 2025** |  |
| **65** | **Create an XML and DTD documents for the following output.** | **26TH MAR 2025** |  |
| **66** | **Create an XML and DTD documents for the following output.** | **26TH MAR 2025** |  |
| **67** | **PHP Introduction** | **28TH MAR 2025** |  |
| **68** | **Write a simple PHP script that prints "Hello, PHP!" to the browser with your detail.** | **28TH MAR 2025** |  |
| **69** | **Declare variables of different data types (integer, float, string) and demonstrate the usage of constants in PHP.** | **28TH MAR 2025** |  |
| **70** | **Create a PHP program that uses if-else statements to check if a number is positive, negative, or zero. Utilize different operators for comparison.** | **28TH MAR 2025** |  |
| **71** | **Develop a function that calculates the average of an array of numbers. Test the function with various arrays.** | **28TH MAR 2025** |  |
| **72** | **Define a PHP class representing a "Book" with properties like title and author. Create objects of this class and display their attributes.** | **28TH MAR 2025** |  |
| **73** | **Design HTML form with input fields. Create a PHP script that retrieves & display the form data when submitted.** | **28TH MAR 2025** |  |
| **74** | **Form with PHP validation. Ensure that required fields are filled, and validate email addresses and make sure the phone number starts with 98 or 97 using regex.** | **28TH MAR 2025** |  |
| **75** | **Implement PHP code that responds to a button click event on a form. Display a message when the button is clicked.** | **4TH APR 2025** |  |
| **76** | **Create a PHP script that sets a cookie with user preferences. Retrieve and display this information on subsequent visits.** | **4TH APR 2025** |  |
| **77** | **Develop a PHP script that reads content from a text file, modifies it, and then writes the updated content back to the file.** | **4TH APR 2025** |  |
| **78** | **Final Project using (HTML, CSS, JavaScript, PHP).** | **4TH APR 2025** |  |
| **79** | **Conclusion** | **4TH APR 2025** |  |