

Dharmsinh Desai University
MCA Semester – 3 (2024-25)
23MCA3001 – Advanced Web Development

Practical -2

1. Write appropriate HTML-JavaScript-jQuery code for the following requirements:
 - a. Assign appropriate font size, font family and background color to the <p> tag using the style property.
 - b. Use the above <p> tag in three places in a html document and set this common style property to above tag.
 - c. Use the above code to style the tags in multiple pages by using common file.
2. Write appropriate HTML-JavaScript-jQuery code for the following requirements:
 - a. Create a button, on click of it, welcome message should be displayed on web page just besides the button.
 - b. Create three input textboxes. On click of each input box, change its background color to yellow.
 - c. Create two style properties and by default apply first one to a paragraph. On a button click, change the paragraph style to other style.
 - d. On paragraph-click, toggle its style.
 - e. Create one button and a textbox. On button-click, set its value to the text written in the text box.
3. Write appropriate HTML-JavaScript-jQuery code for the following requirements:
 - a. When the document is ready, create a div tag (id: div1) to display display Welcome message.
 - b. Create two div tags (id: div2 and div3). When mouse moves over the div1, assign green as background color to both div2 and div3. When mouse moves out the div1, resent background color to white.
 - c. Display and hide a paragraph on click of two buttons btnShow and btnHide.
 - d. Perform the above task 3-c using a single button. toggle().
4. Write appropriate HTML-JavaScript-jQuery code for the following requirements:
 - a. Create one textarea (id: ta1) and one button (id: showTextCount).
On click of the button, display count of text available in ta1 on document.
 - b. Create one textarea (id: ta2).
Update text count as and when text is entered. Display the same on document.
 - c. Restrict the max. number of characters to 10 in ta2.
5. Write appropriate HTML-JavaScript-jQuery code for the following requirements:
 - a. Create one style class with name 'error':-
 - i. border color : red
 - ii. background color : yellow.
 - iii. Apply this class to a text box when the focus is moved out of it and if entered data is a negative number.
 - b. Create two textboxes and one button with + on it. On click of the + button, display sum of the numbers entered in two textboxes. Also perform same functionality for subtract, multiply and divide buttons.
 - c. The buttons in above code 5-b should remain in disable state until any one or both of the textboxes are vacant.

Case study:

1. Implement a basic GUI calculator in HTML using jQuery.