

**IBM – Advanced Diploma on IT, Networking and Cloud Computing**  
**CORE MODULE – 02 (PRACTICAL)**

1. How would you create a basic webpage structure using HTML that includes a header, a navigation bar, a main content area, and a footer?
2. How can you use Bootstrap to create a button that appears green and becomes larger on hover?
3. Write a simple HTML form that includes an input for the user's name and a submit button. How can you style this form using Bootstrap to make it look better?
4. How can you use CSS to change the background color of a webpage to light blue?
5. How do you include an external CSS file in an HTML document?
6. Write a JavaScript function that displays an alert with the message "Hello, World!" when a button is clicked.
7. How can you use Bootstrap to make an image responsive?
8. Create a simple webpage using HTML and Bootstrap that includes a navigation bar with three links: Home, About, and Contact.
9. How do you add a hover effect in CSS to change the text color of a paragraph to red when the mouse hovers over it?
10. How can you use JavaScript to change the text of a paragraph when a button is clicked?
11. Write an HTML code to create a list of your favorite fruits using an unordered list, and style it using CSS to have a bullet color of your choice.
12. How do you use Bootstrap's grid system to create a two-column layout with text in the left column and an image in the right column?
13. Create an HTML page with a Bootstrap-styled card that includes a title, image, and a brief description.
14. Write the HTML code to link an external JavaScript file named "script.js".
15. Write a JavaScript function that changes the background color of a webpage when a button is clicked.
16. How can you create a dropdown menu in Bootstrap?
17. Write the HTML and CSS needed to create a centered heading on a webpage.
18. How can you use JavaScript to hide a paragraph when a button is clicked?
19. How would you use Bootstrap to create a responsive button group with three buttons labeled "Yes," "No," and "Maybe"?
20. Write a basic HTML page that uses Bootstrap to create a responsive table with three columns: Name, Age, and City.

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