**.Question Paper**

give important css style rules that are commonly used.

give important JavaScript dom commands that are commonly used.

**Module 1**

**3 marks**

**7marks**

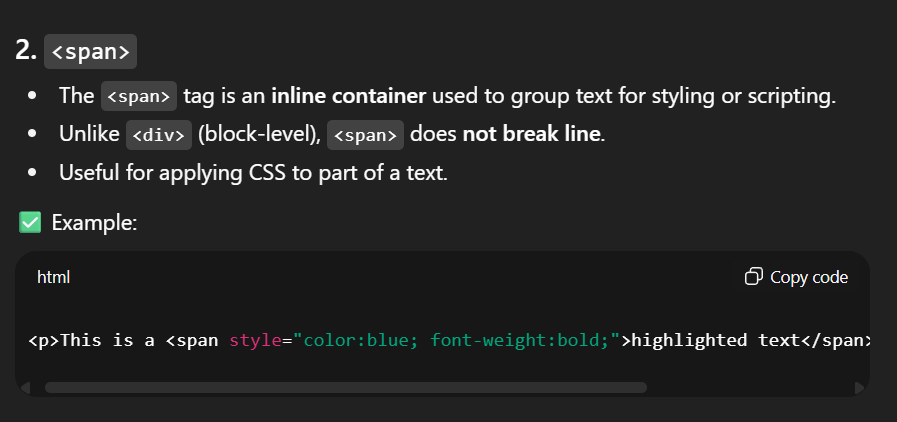
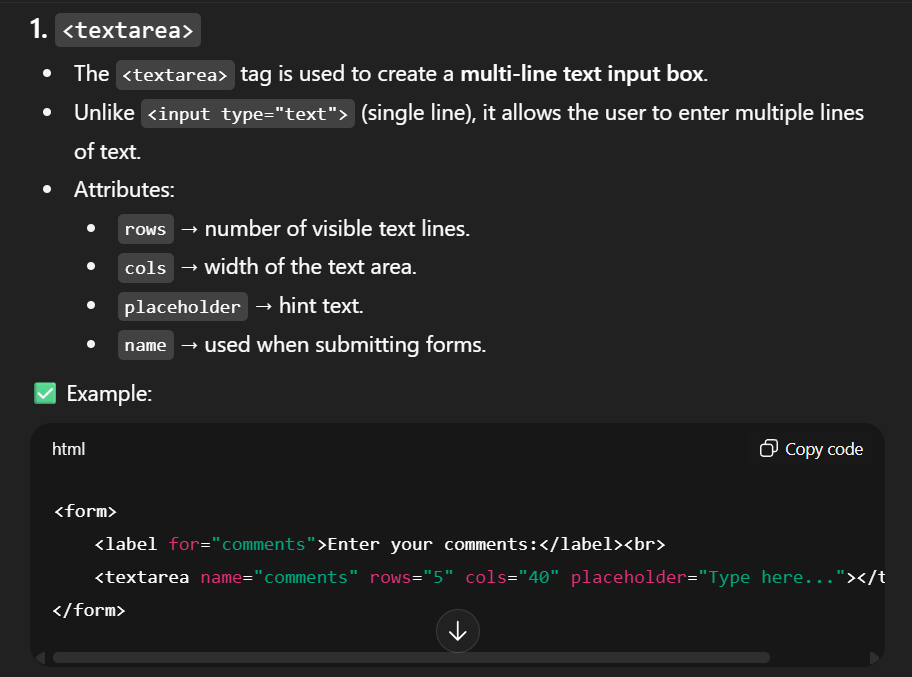
1. Write the equivalent HTML code to implement the following in a web page:

1) An image titled “flower.jpg” with proper attribute to set height, width and message text.

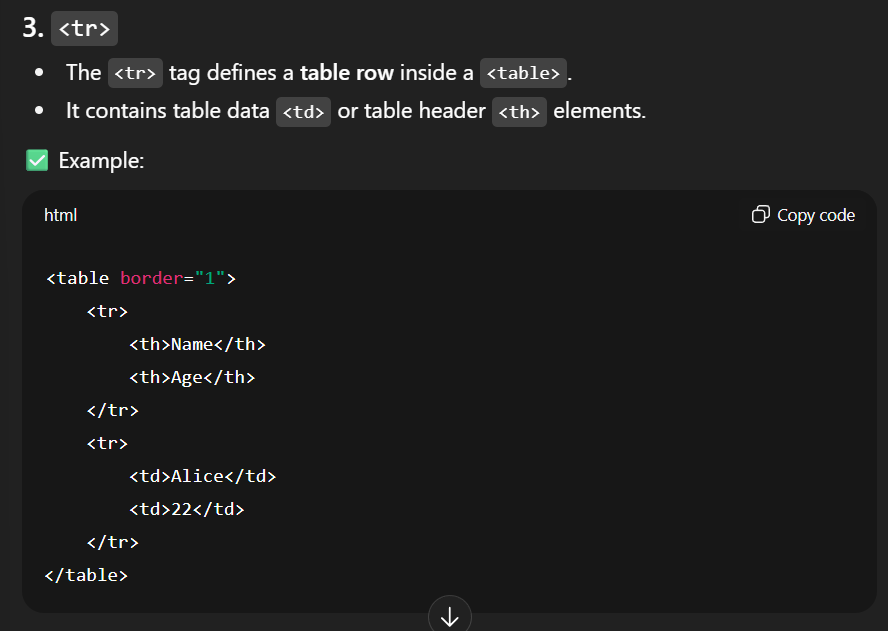
2) Unordered list with values tea, coffee and milk

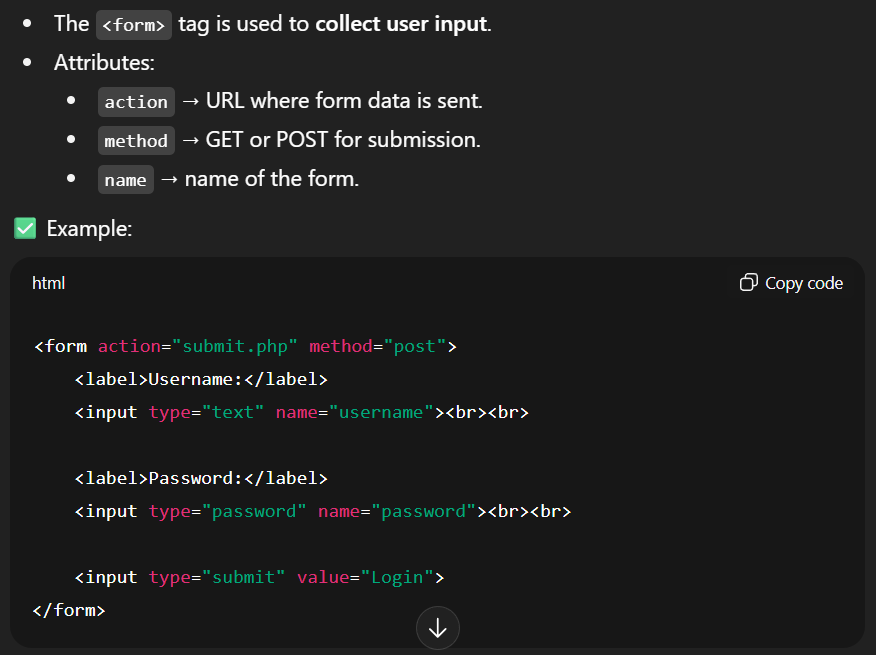


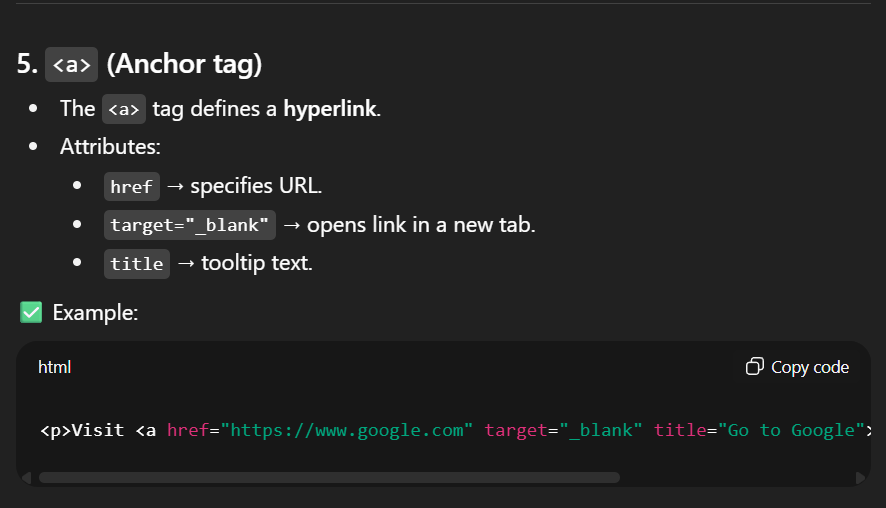
1. Explain following html tags with proper example. 1.<textarea>2. < span> 3.< tr> 4.< form> 5. <a>



<p>This is a <span style="color:blue; font-weight:bold;">highlighted text</span> inside a paragraph.</p>



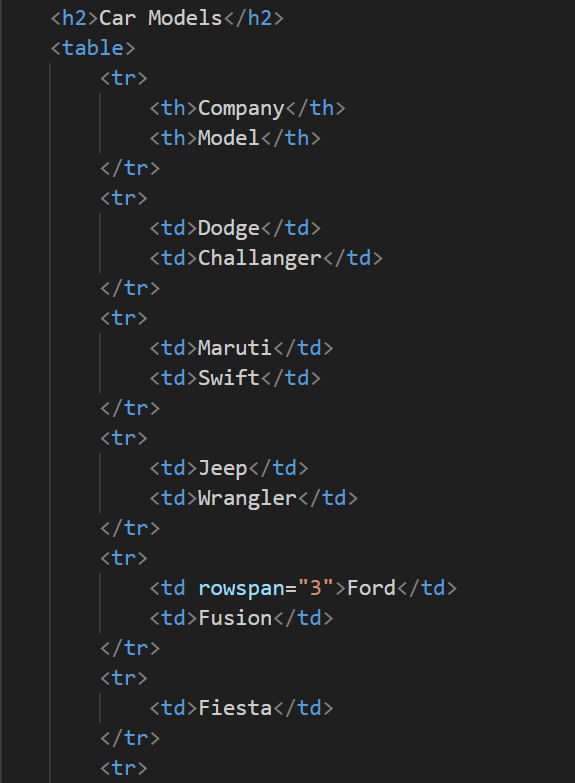
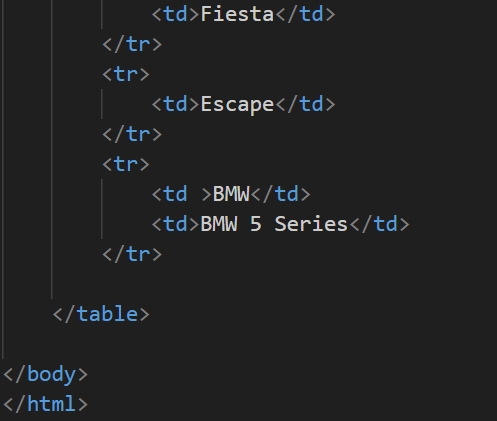




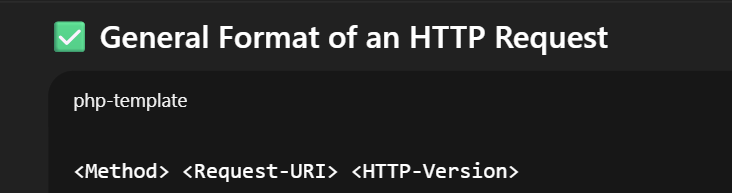
<p>Visit <a href="https://www.google.com" target="\_blank" title="Go to Google">Google</a> for searching.</p>

1. Design a webpage that displays the following table.

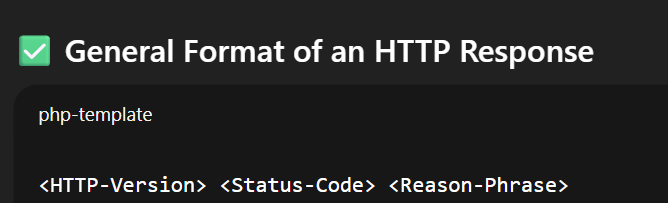


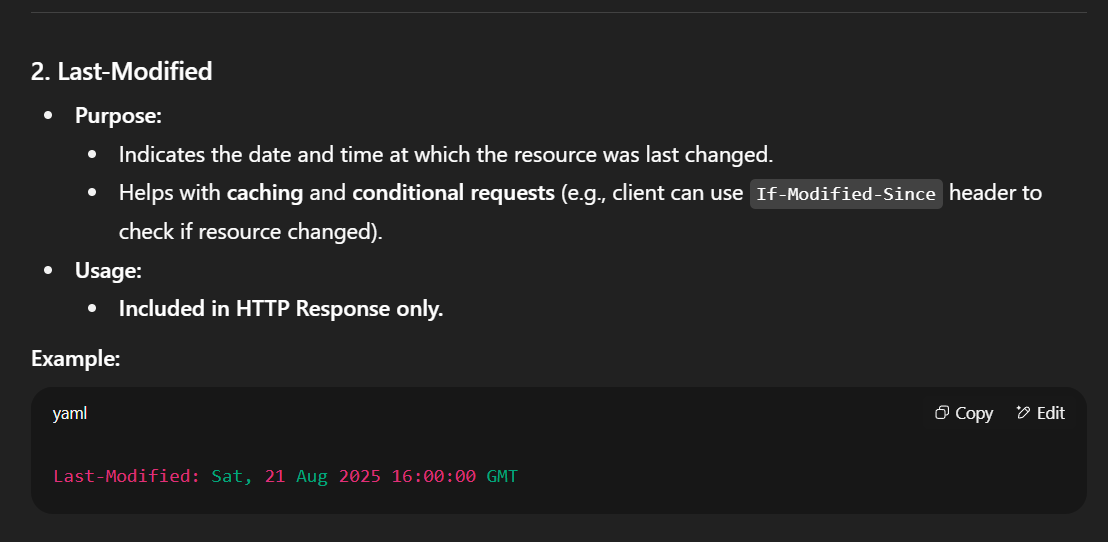
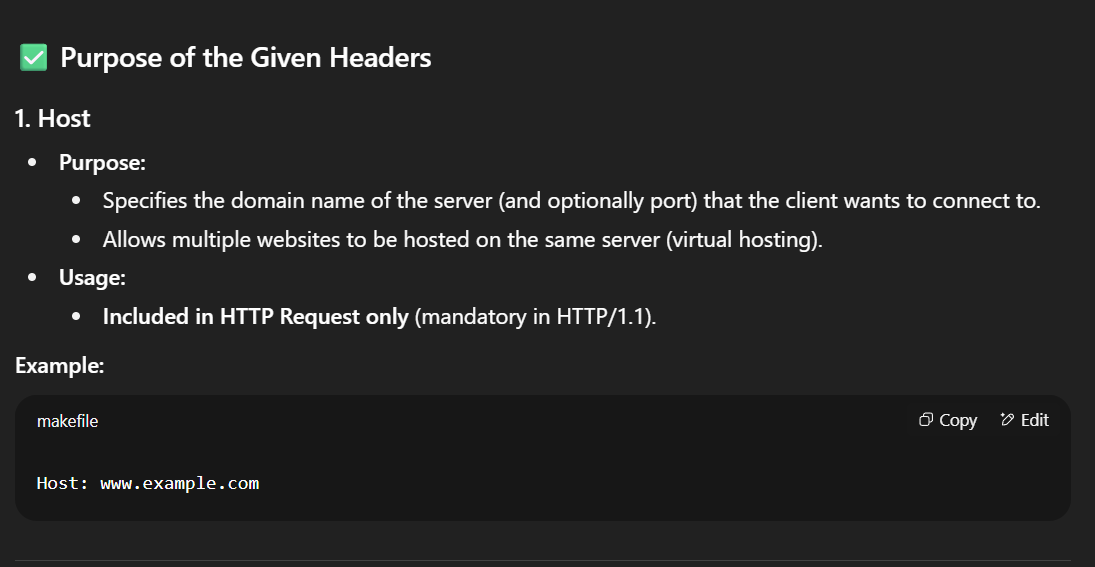
1. Write down the general format of an HTTP request and an HTTP response. What is the purpose of the following HTTP headers? Also, identify whether they are included with an HTTP header/response or both. i. host ii. last-modified



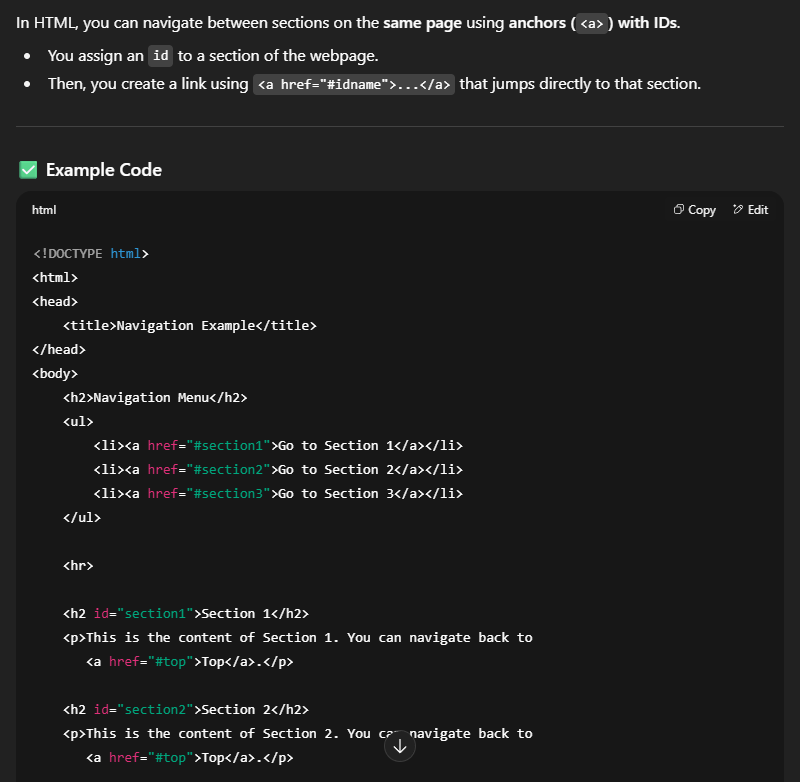
Eg: GET /index.html HTTP/1.1



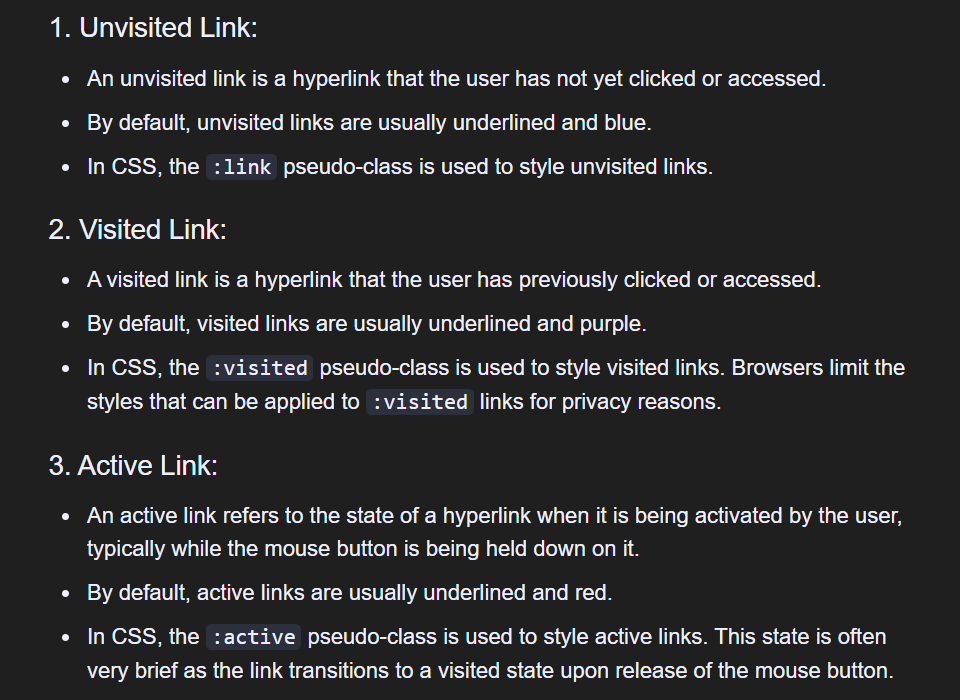
Eg: HTTP/1.1 200 OK, HTTP/1.1 404 Not Found

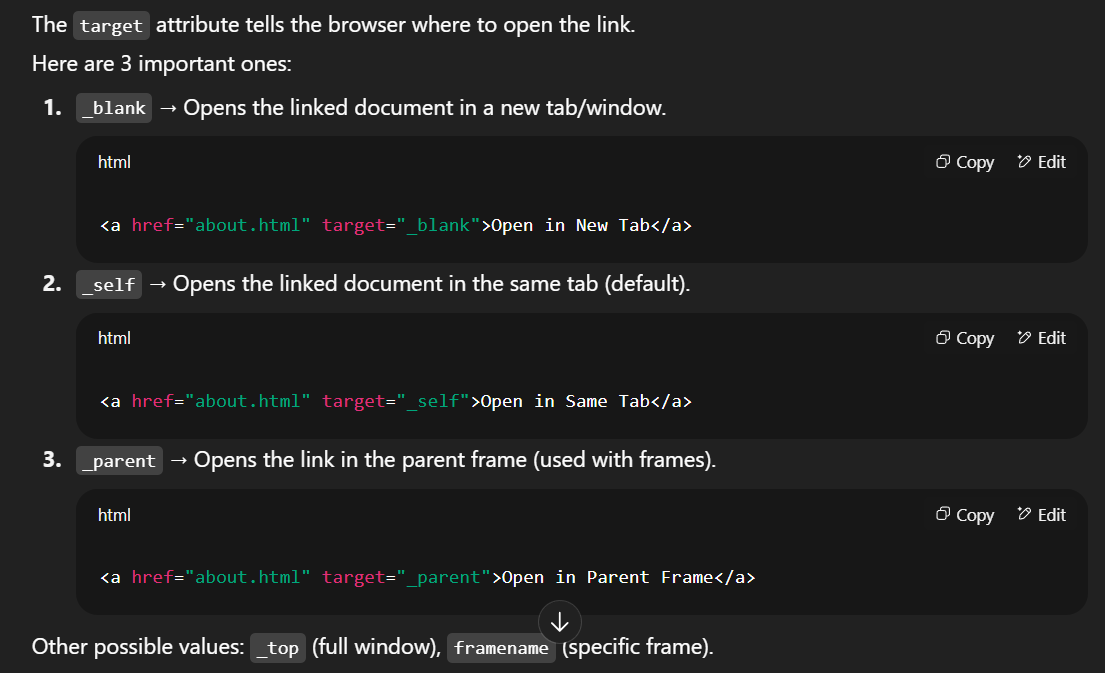


1. How will you navigate between sections in the same web page? Illustrate with appropriate example?

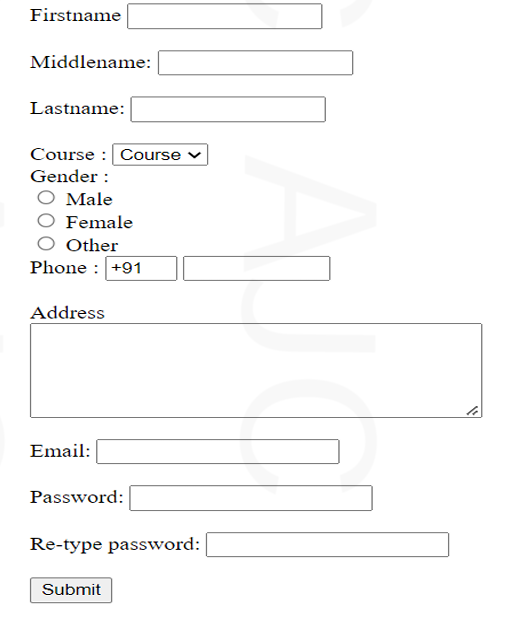
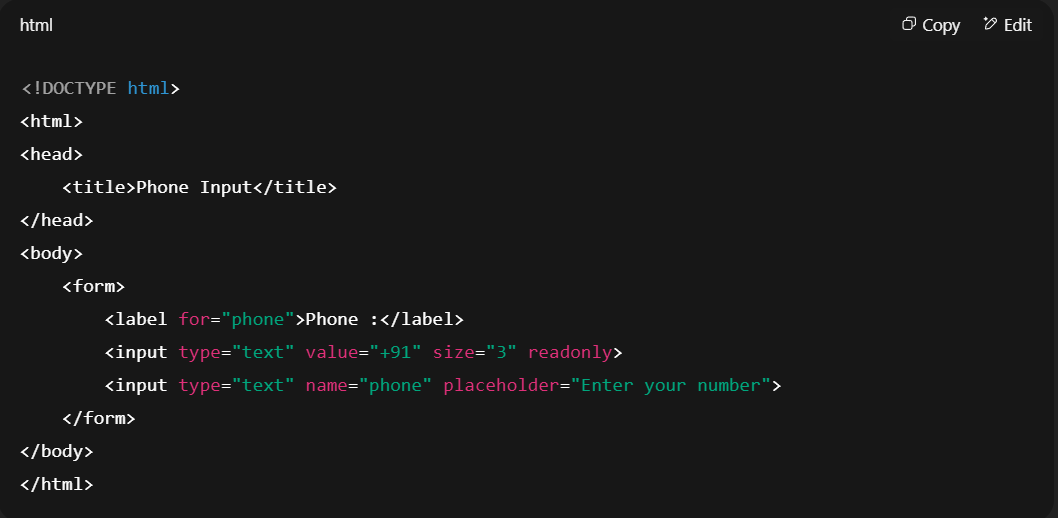


1. Create a HTML form for registering to a jobsite which includes fields to enter your name,address,e-mail,contact number, a date picker to include your date of birth,radio buttons to select you sex,check boxes to show your area of interest, a selection list to input your experience with a submit and reset button. All fields must be labelled appropriately? (10)
2. Develop HTML code to create the following web page?
3. b) Give the syntax to create hyperlinks in HTML? List any 3 target attributes and their purpose associated with hyperlinks? Also how will you identify an active link, visited link and unvisited link?





1. Write the equivalent HTML code to implement the following in a web page: i. An image titled “flowers.jpg” with a height of 150 pixels and width of 250 pixels. If the image cannot be accessed, a message “No image available” should be displayed. ii. A hyperlink to the URL “www.mysite.com/birds.jpg”. The hyperlink should have the label “Click Here”. iii. An unordered list with values Tea, Coffee, Milk. (6)
2. Write the HTML code for obtaining the following table. Flower Show Flower Name Colour Red Rose Red White Rose Jasmine Sunflower White Yellow OR
3. 12 a) Explain list tags with example.
4. b) Write the HTML code for obtaining the following registration form, where the course field contains the options BCA, BBA, B. Tech, MBA, MCA, M. Tech.

**Module 2**

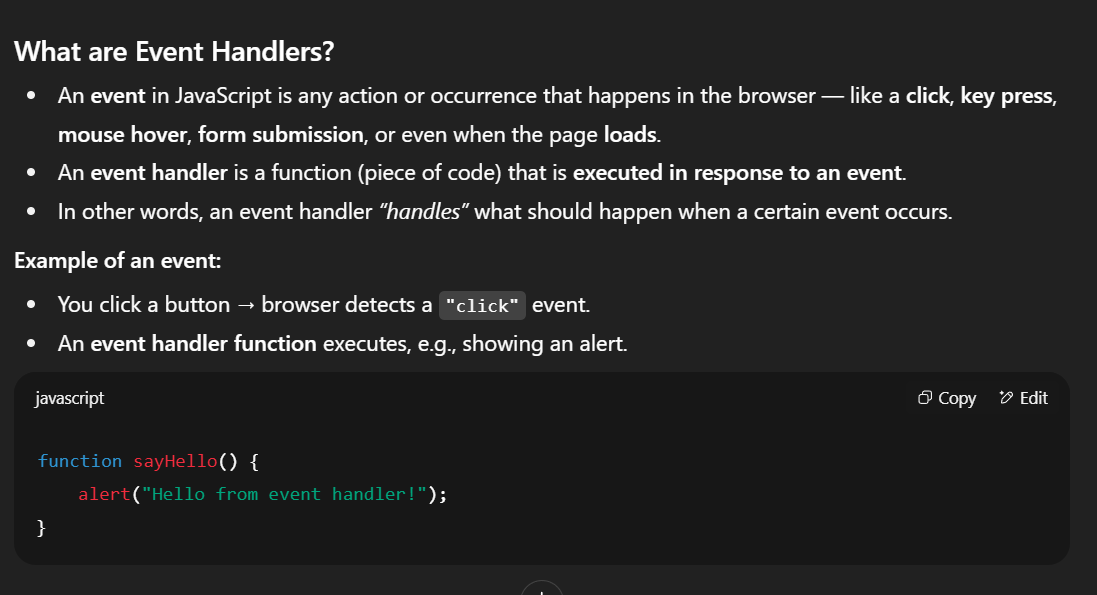
**3 marks**

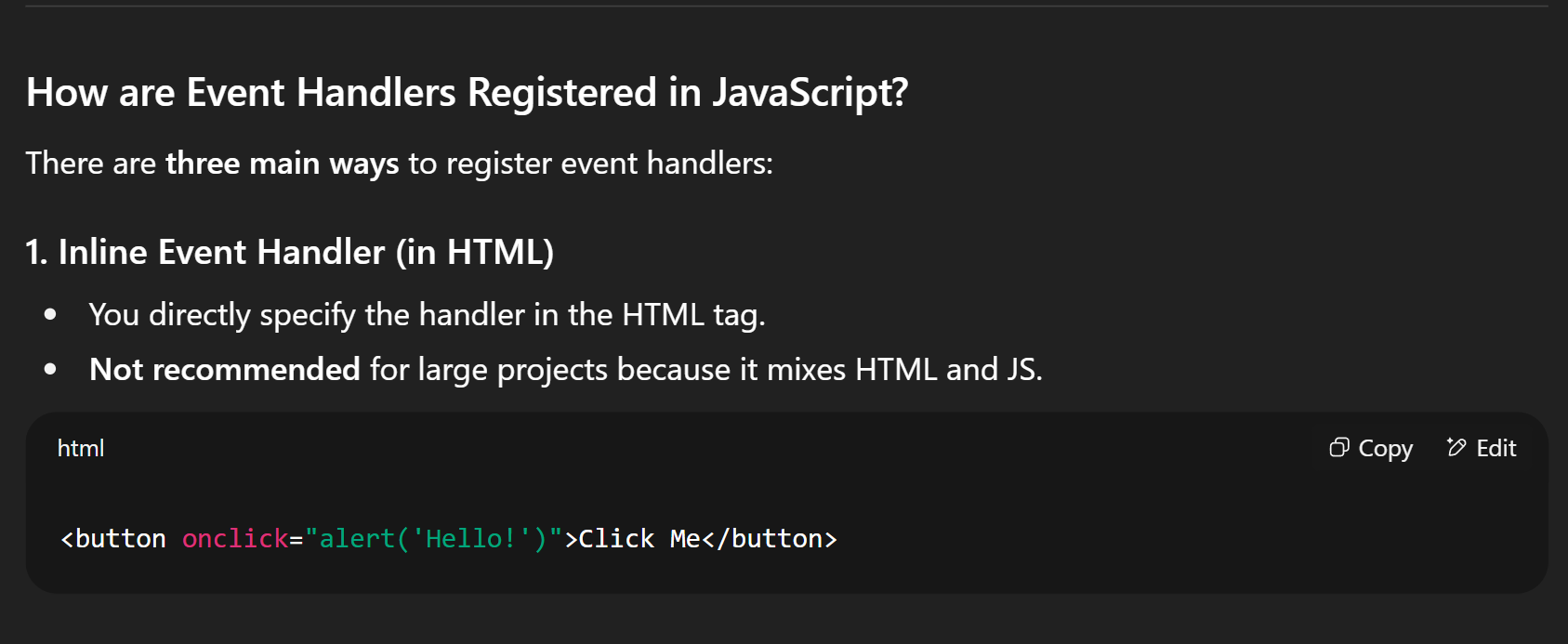
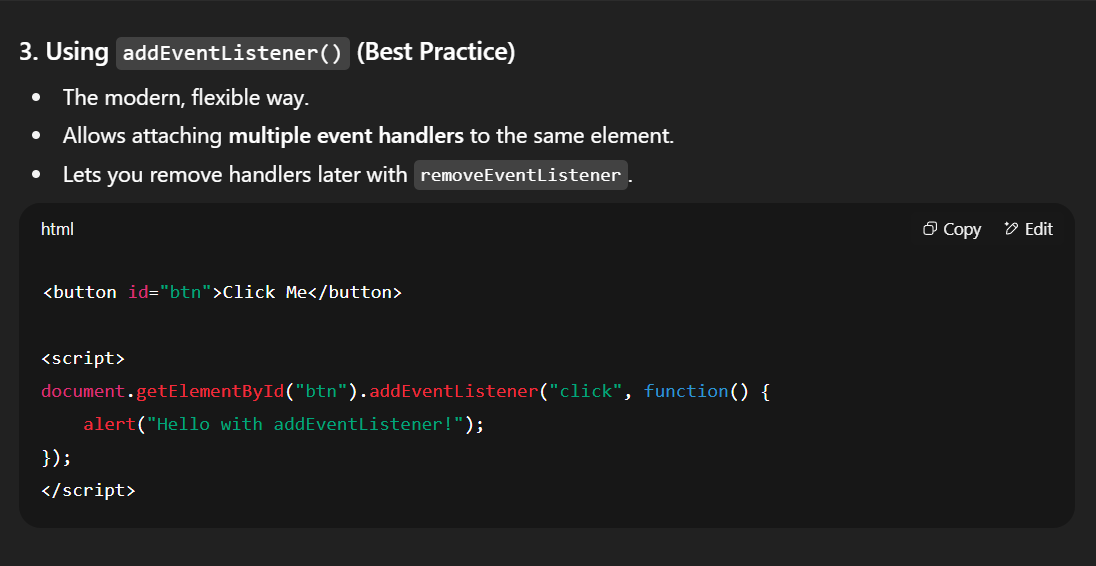
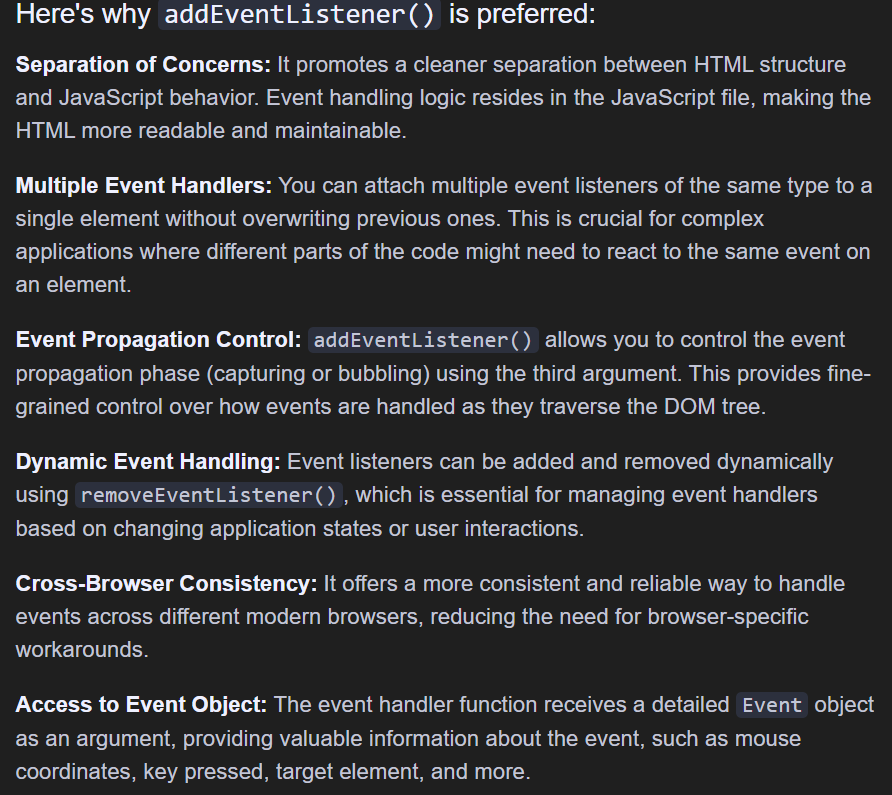
**7marks**

1. Write CSS code for the following:
   1. Set the background colour for the hover and active link states to "yellow".
   2. Set the list style for ordered lists to "lower case alphabet".
   3. Set "Boat.gif" as the background image of the page.
   4. Set dotted border for the document.

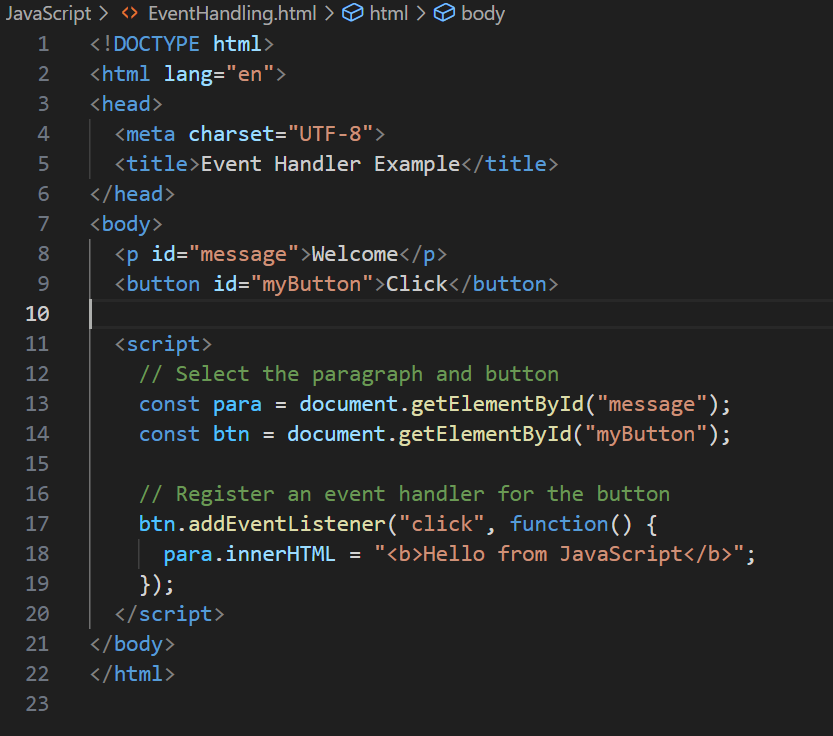


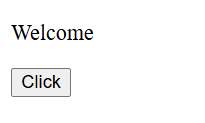
1. Discuss various types of control statements in JavaScript.
2. How are event handlers registered in JavaScript?



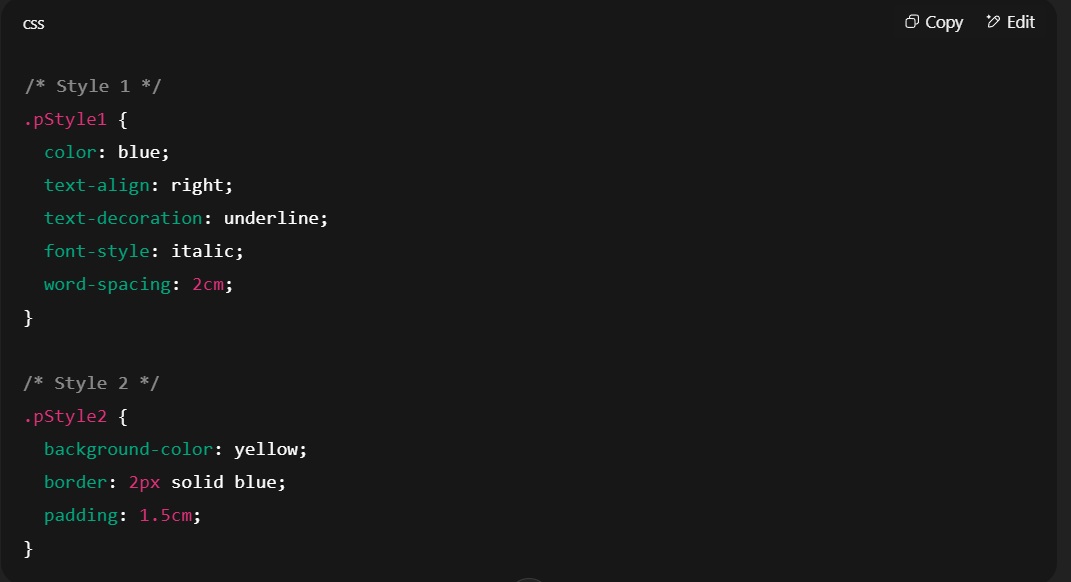
   

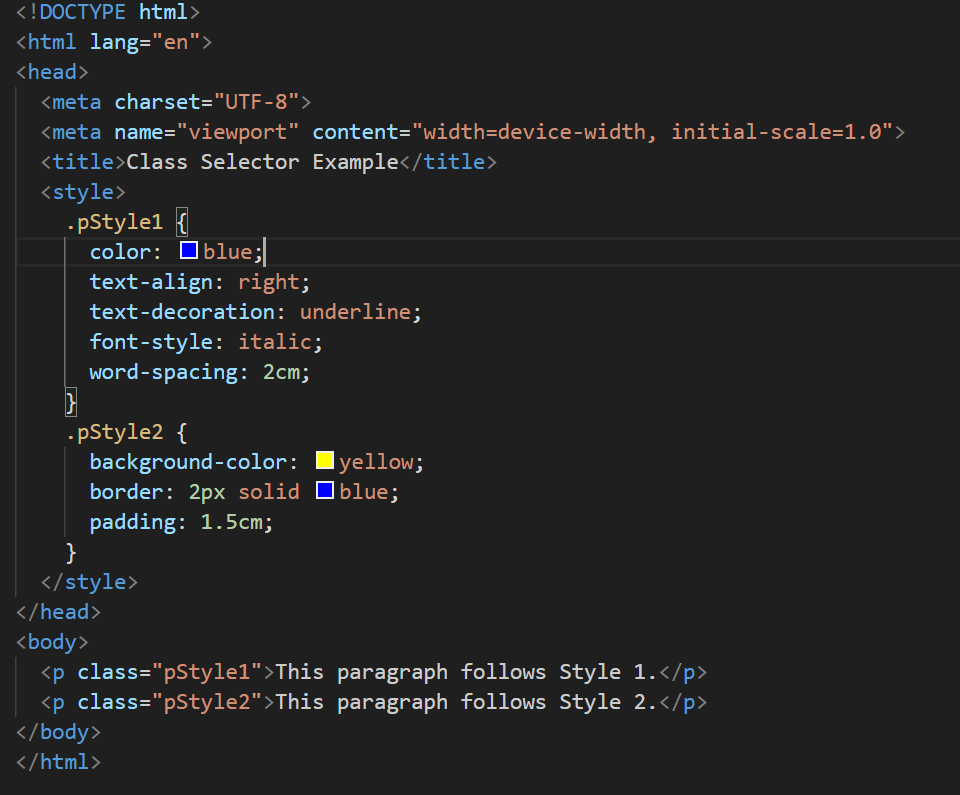
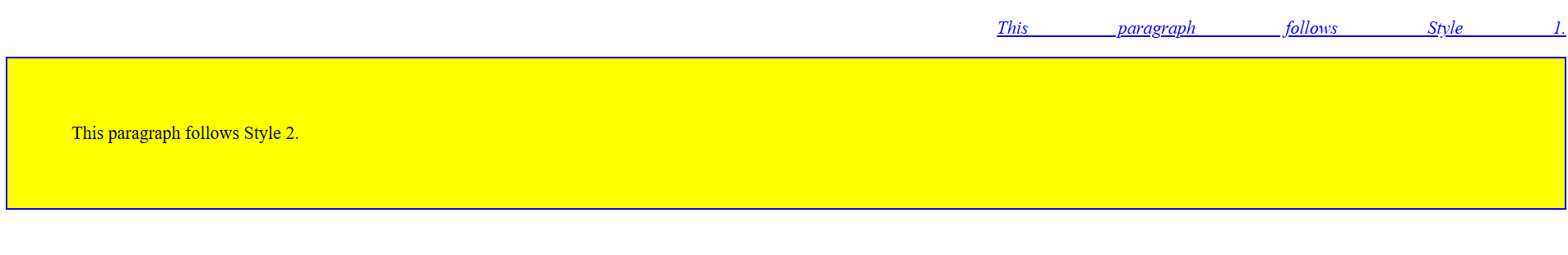
1. Write the code for an HTML document with embedded JavaScript scripts, which initially displays a paragraph with text “Welcome” and a button titled “Click”. When the button is clicked, the message “Hello from JavaScript” in bold should replace the paragraph text.

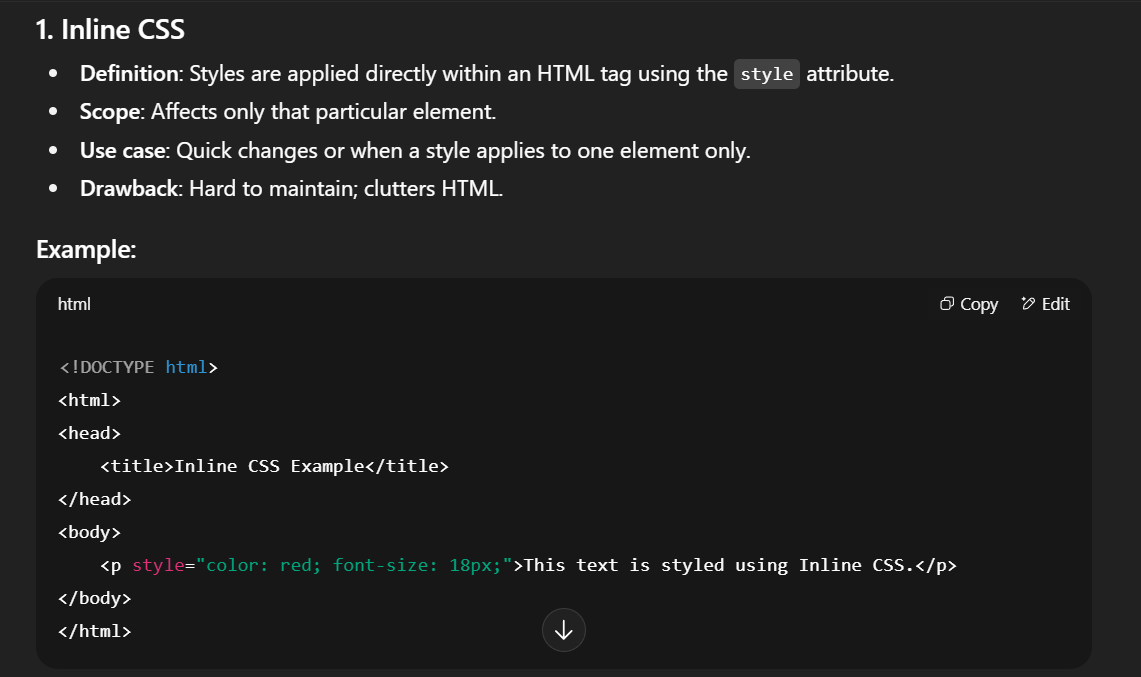
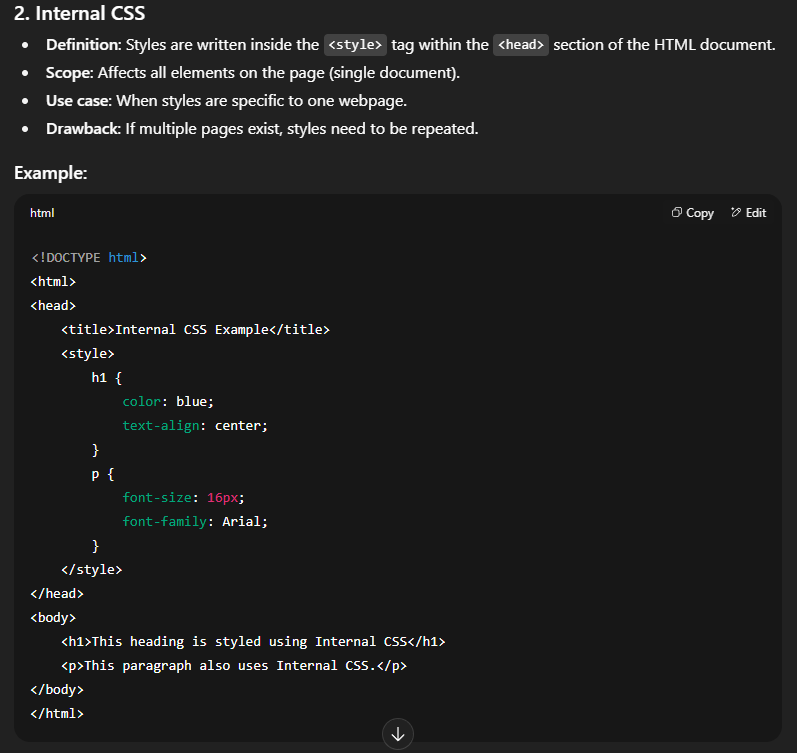
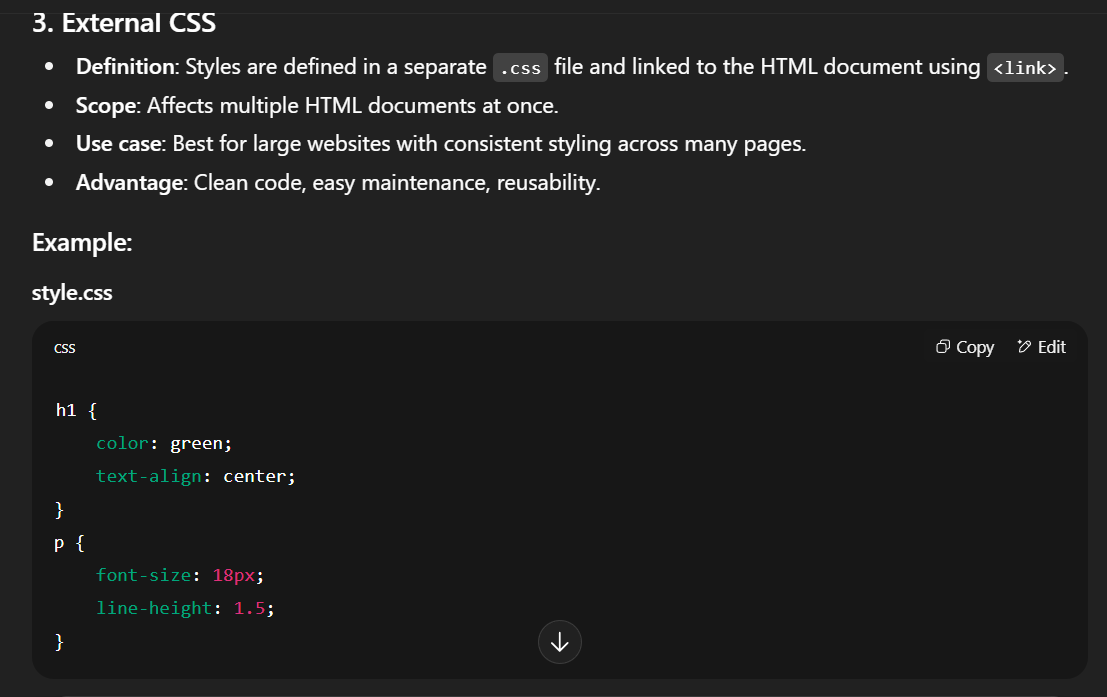


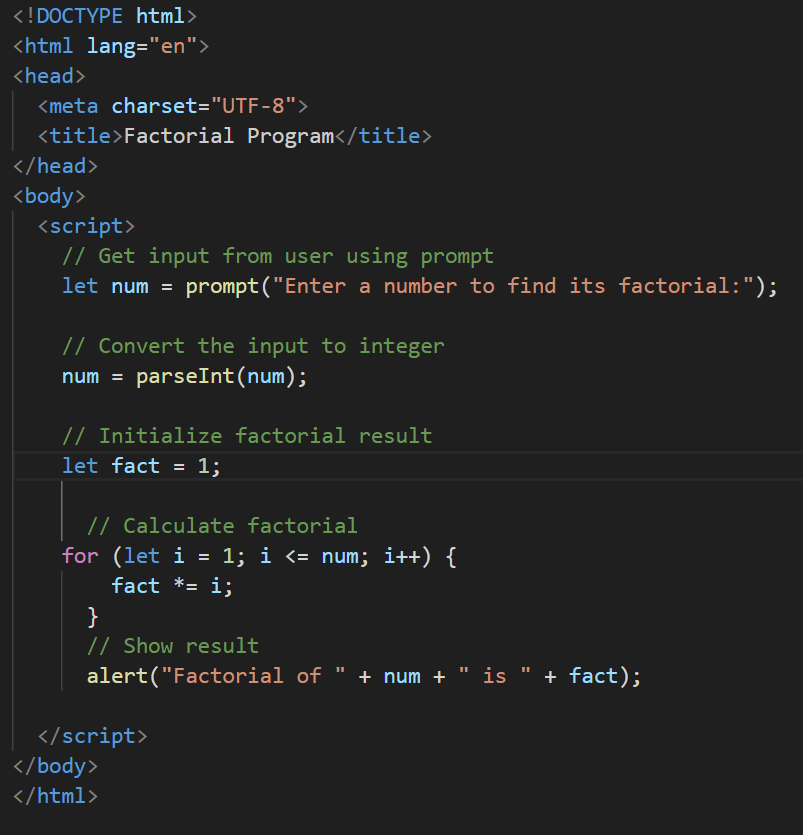
 

1. What are class selectors in CSS? Suppose that it is required to display the text content of p tags in two different styles depending on the context.
   1. Style 1 – text should be displayed in blue colour, right aligned, underlined, with font style of italics and spacing between the words of text set to 2 cm.
   2. Style 2 – text should be displayed with a background colour of yellow, blue colour border, and with a padding of 1.5 cm Write the equivalent CSS style rules.

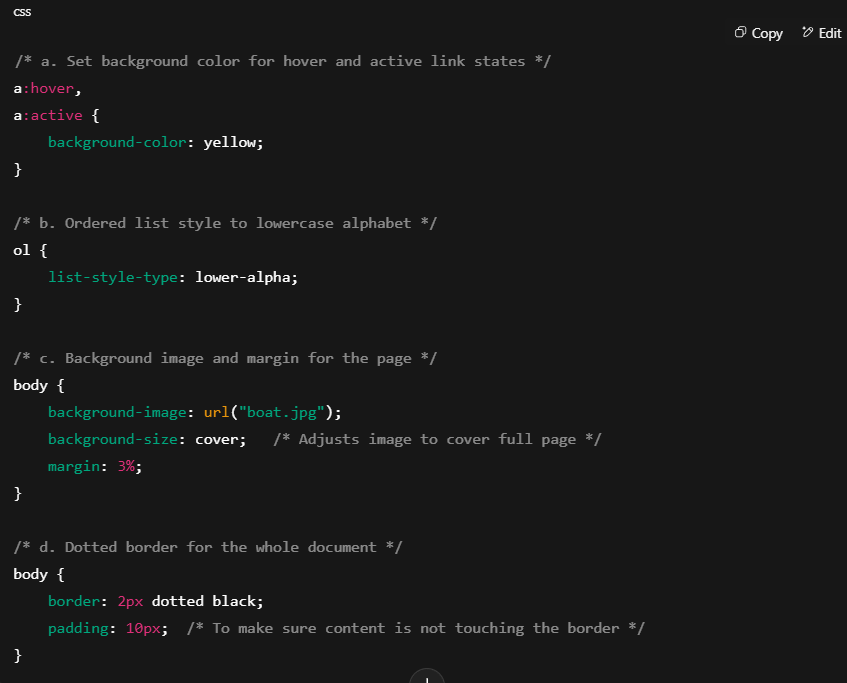


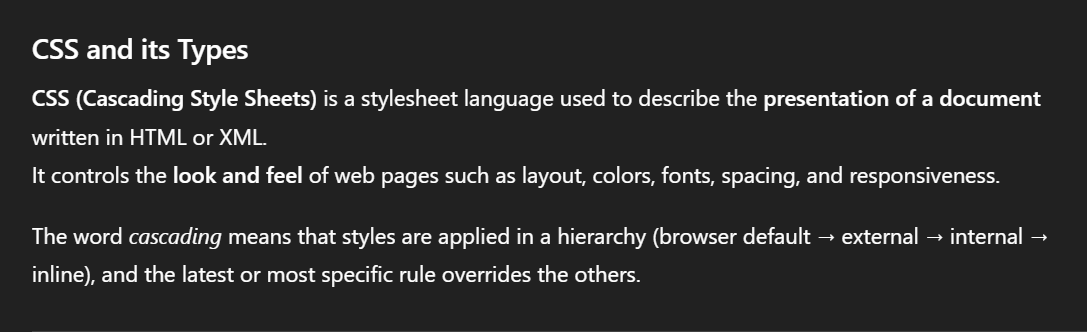
1. Explain different levels of CSS Style Sheets with suitable example.
2.    
3. Write JavaScript program to find factorial of a number, use prompt dialog box to get the input from user.



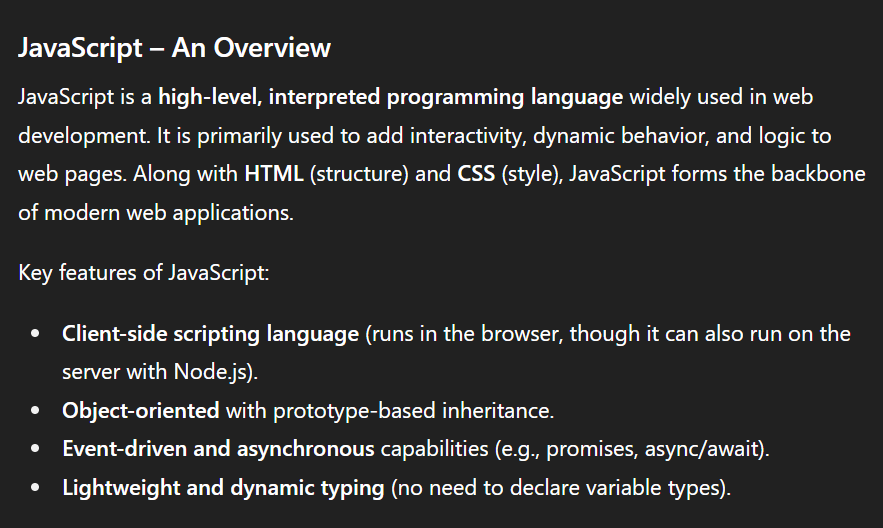
1. Write CSS and the corresponding HTML code for the following:
   1. ii. Set the background color for the hover and active link states to "yellow".
   2. Set the list style for ordered lists to "lower case alphabet".
   3. Set "boat.jpg" as the background image of the page and set 3% margin for the page.
   4. iv. Set dotted border for the document.

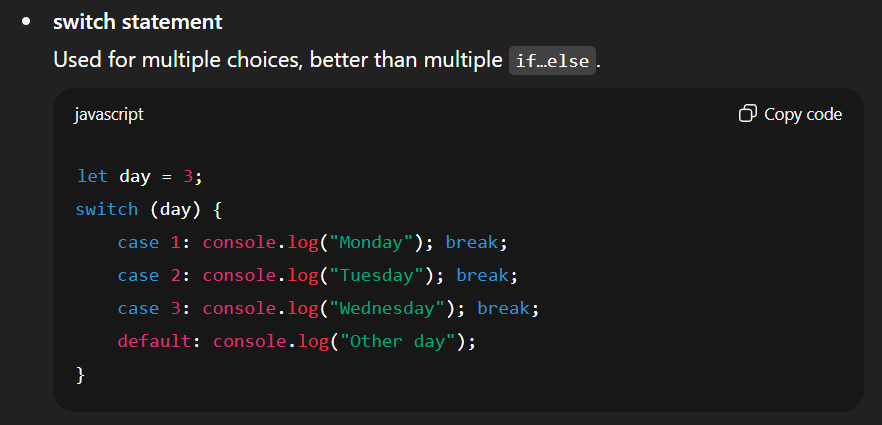
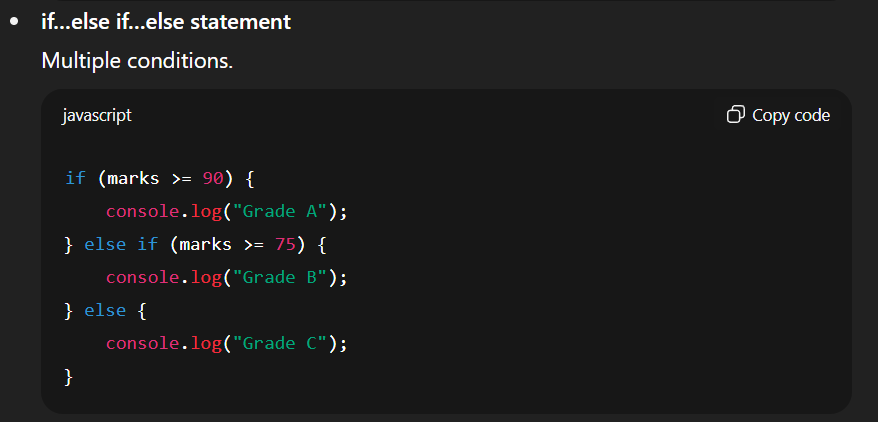
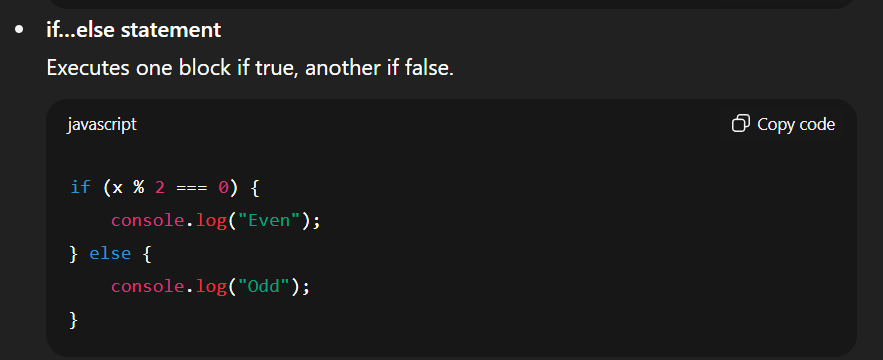


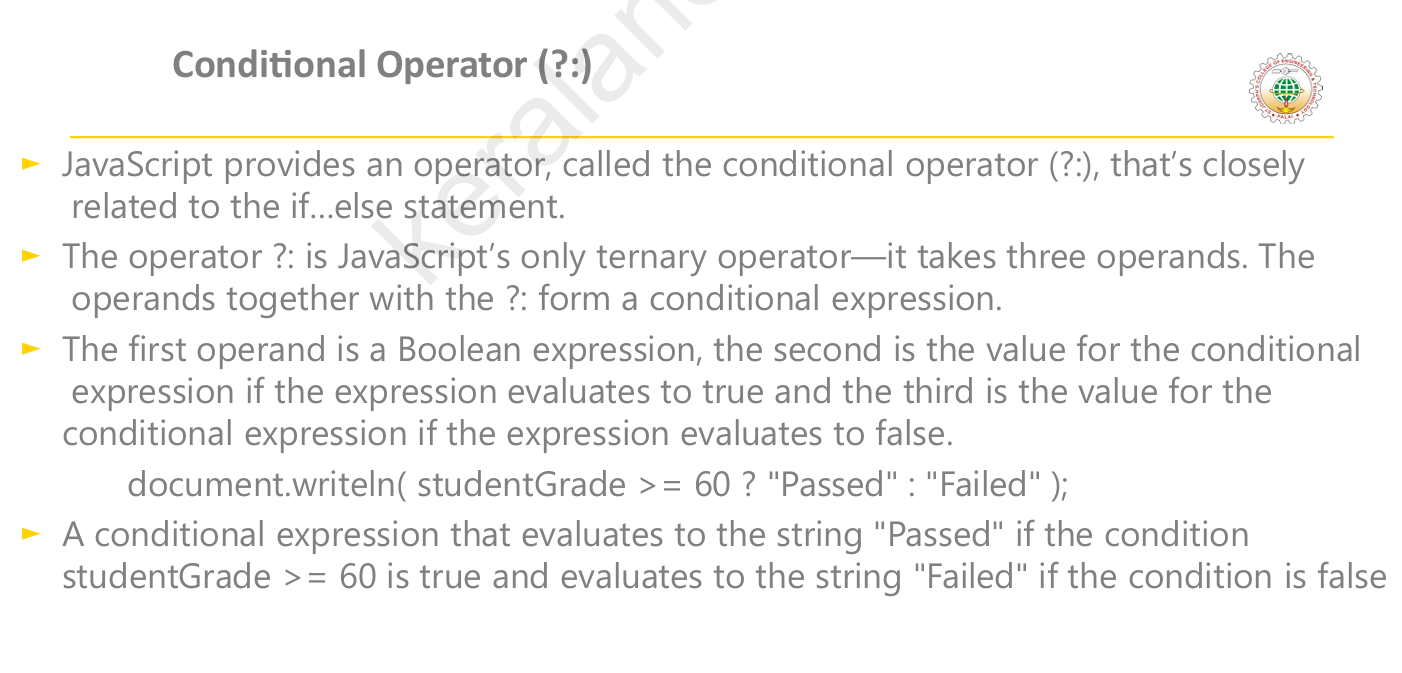
1. Explain various types of control statements in JavaScript with example.
2. Explain CSS and its types. How can CSS be used to display a XML document? Illustrate with an example.

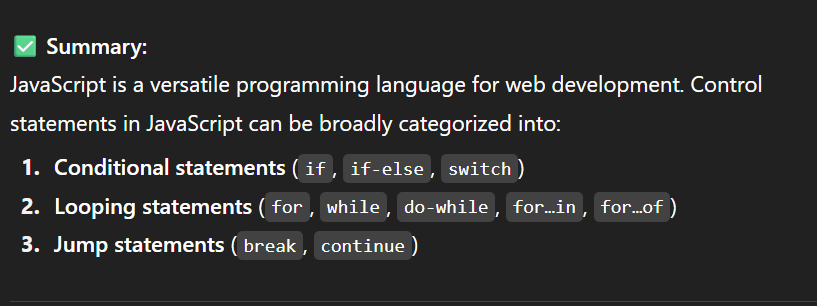
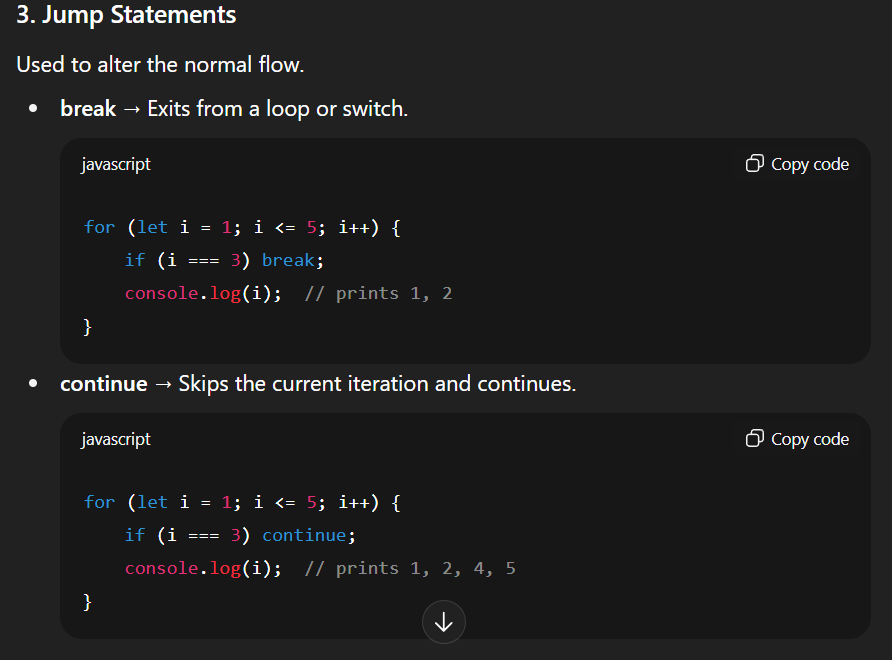
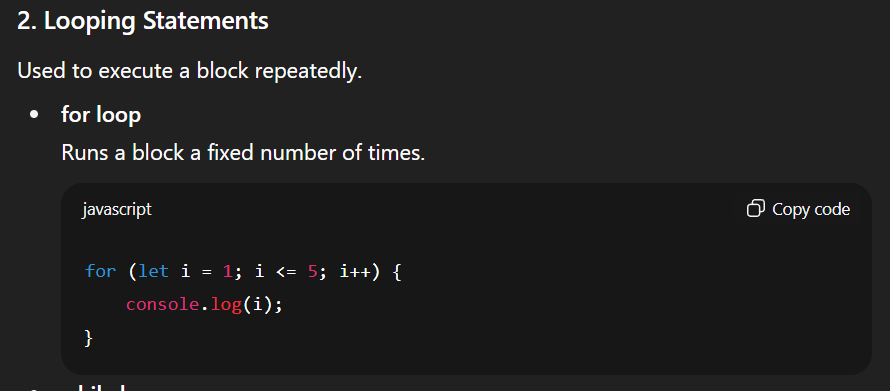


1. Explain the concept of Class selectors in CSS with examples.
2. Describe Java Script. Discuss various types of control statements in JavaScript.

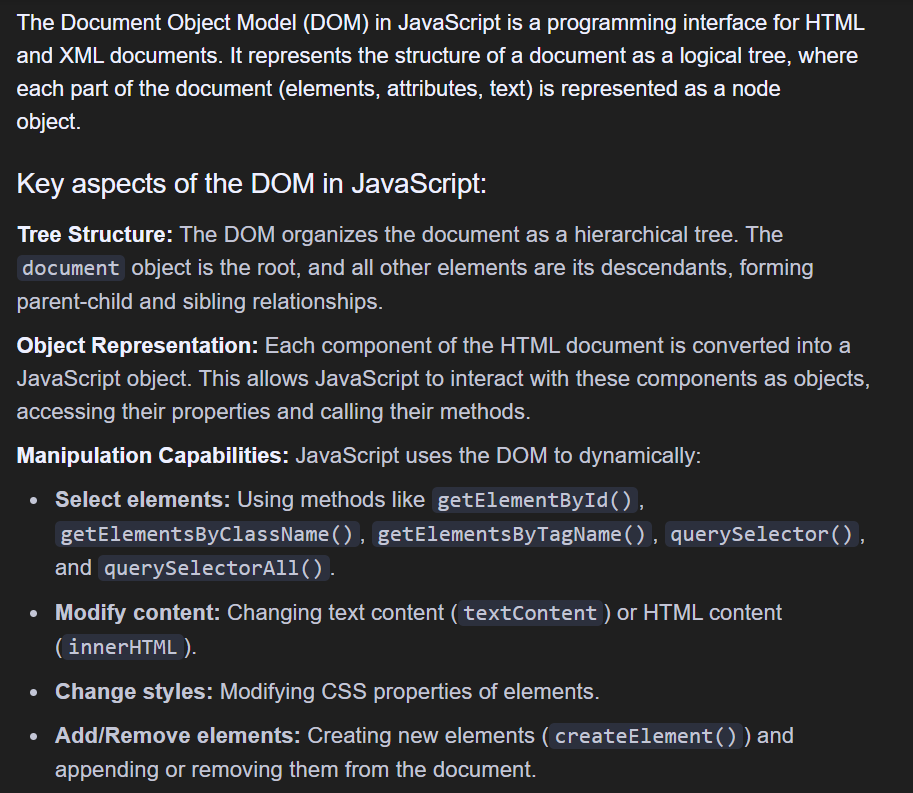




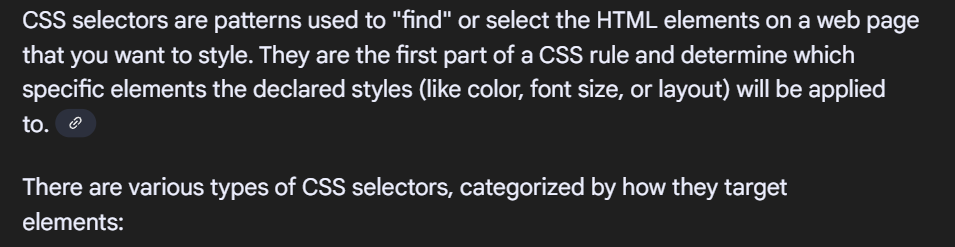




1. Explain the concept of Document Object Model with example.



1. Write CSS style rules to implement the following in a web page:
   1. Display the content of hyperlinks with yellow background colour and in italics
   2. Display the contents of unordered lists in bold and in Arial font
   3. Display a background image titled "birdsjpg" with no tiling. '
2. List three methods for creating an array object in JavaScript. What function does the array methods joinQ and slice0 perform?
3. Illustrate the usage of JavaScript DOM in event handling and explain any three (8) methods with example. .
4. b) List the order of precedence of style levels. Organize a sample web page for providing 'KTU B Tech Honours Regulation 19' for KTU and use embedded Style sheet to apply minimum 5 styles for list, tables and pages.
5. Write CSS and the corresponding HTML code for the following:
   1. Set the background color for the hover and active link states to "green"
   2. Set the list style for unordered lists to "square".
   3. Set "Flower.png" as the background image of the page .
   4. Set dashed border for left and right and double border for top & bottom of a table with 2 rows.
6. Develop embedded JavaScript that displays the cube of the number with font weight 400 and font-color green, entered through a prompt box?
7. Differentiate class selectors and generic selectors in CSS. Apply appropriate (7) selector in CSS to apply trvo different styles to the paragraph element:
   1. Style l- The text should be in Times New Roman, red in color, italics and indentation of first line is 1.5 em.
   2. Style 2- The spacing benveen consecutive lines of the text is 2 em, center aligned and with yellow background color'
8. Write JavaScript code to find the factorial of numbers from I to 5 and display (7) the factorial with the number in a table with a blue, dotted border.
9. What are CSS selectors? Explain in detail the CSS selectors with examples.



1. Write a Javascript function to determine the largest of three numbers. Use (7) prompt dialog box to enter the three numbers

**Module 3**

**3 marks**

**7marks**

**Module 4**

**3 marks**

**7marks**

**Module 5**

**3 marks**

**7marks**