

ASSIGNMENT-2 (17CS71)

1. What is an applet? Discuss the advantages and disadvantages of client-side scripting. Write a advantages of client side java scripting.
2. What are software layers, and what benefit do they provide?
3. Explain with an example how JavaScript can be linked to an HTML page in various ways & JavaScript syntax.
4. Describe JavaScript objects
5. Explain the document object model with an examples
6. Write about the JavaScript events and mention its approaches.
7. How does PHP allow variable names to be specified at run-time? Explain with an example
8. Explain how an array acts as an ordered map in PHP and Describe the relationship between keys and indexes in arrays.
9. What classes of information are available via the \$_SERVER super global array? and mention the three access modifiers?
10. . Explain three forms of linking JavaScript to HTML page with suitable code segments.
11. With suitable diagrams, explain PHP module in apache. Describe the role of apache threads in web application execution.
12. Explain two methods in JavaScript to access DOM nodes with examples.
13. Explain two approaches for event handling in Java Script with suitable code segments.
14. With relevant code segments, explain two approaches to embed PHP script in HTML.
15. With data flow diagrams, explain the role of PHP 's \$_GET and \$_POST arrays.
16. Explain the support for inheritance in PHP with UML class diagram.
17. Explain three approaches to restrict the file size in file upload with suitable code segments.
18. Discuss the advantages and disadvantages of client – side scripting.
19. Write a JavaScript code that displays text “VTU BELAGAVI” with increasing font size in the interval of 100 ms in blue color, when the font size reaches 50 pt it should stop.
20. With a neat diagram, explain client and server script execution.
21. Explain \$_GET and \$_POST super global arrays.
22. How do you read or write a file on the server from PHP? Give example.
23. Write a PHP program to create a class STUDENT with the following specification.
Data members :Name , Roll number, Average marks
Member function : Read (getters) and write (setters)
Use the above specification to read and print the information of 2 students.
24. How do you achieve data encapsulation in PHP? Give example.
25. Compare the Server – Side Technologies in detail.
26. What are super global arrays? List and explain.
27. Define constructor and discuss the concepts of inheritance, polymorphism and object interface with respect to OOP.
28. Explain with an example , the two basic techniques for read / write files in PHP.
29. Write the PHP code to validate phone number.