

Web Development Review Questions

1. What are differences between back-end and front-end? Explain
2. What are differences between static website and dynamic website?
3. Explain about the processes of web-client and web-server when we open a website
4. What is PHP? What are the advantages and disadvantages of using PHP?
5. What are the different between web dynamic client and web dynamic server?
6. What is Model View Control (MVC)? Explain each of them
7. Explain about the benefit of using MVC in web development
8. How many variable scopes in PHP? List all of them with examples
9. Explain about “global” and “static” keywords in PHP with examples
10. What are the different between “echo” and “print”? Give examples about how to use them
11. What are the differences between \$_POST and \$_GET? Give examples
12. Write code PHP to allow upload multiple files (only image) to server
13. What are the differences between cookies and session? Give example
14. Can cookie and session store the binary file? Explain
15. Write PHP code to generate the random number with 8 digit (only number)
16. Write PHP code to write “Hello World!” 1000 line in a file named myfile.txt
17. Write 3 functions to connect, insert, update, and delete data from mysql database respectively
18. What is the difference between \$var1 and \$\$var1?
19. What are the ways to define a constant in PHP?
20. What does isset() function?
21. What is \$_SERVER? Explain about the benefit of using this variable
22. What is the difference between require, require_once, include, include_once?
23. What is the difference between mysqli and PDO, and when would you use one over the other?
24. What is object-oriented programming (OOP), and how do you create classes and objects in PHP to organize code and improve code reuse?
25. How can we create a database named “mydatabase” using PHP and MySQL?
26. Write a PHP code to send an email
27. How can you execute SQL queries in PHP, and what are some best practices for handling user input to prevent SQL injection attacks?
28. Write a code let user upload only image to server and the image must less than 3MB.
29. Write a php to connect to database and insert a data to database below:
 - a. Database name: mydatabase [id (auto number), Name (varchar (100)), sex (boolean), email (varchar(200)), phone (varchar(100)), password(vvarchar(100))
 - b. Password: 123
 - c. Host: localhost

Name :

Password :

Gender : ☐ Male ☐ Female

Email :

Phone no : 977 ▼

Note that password is autogenerated (8 digit (only number))

30. Write to search for a student based on their name and date of birth in a single php file. If the student is found, "Found!" message will be display while if not, "Not Found!" message is shown in the page.