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How PHP helps in designing the webpage? Give relevant example

PHP (Hypertext Preprocessor) is a popular server-side scripting language that can be used to create dynamic web pages. It allows web developers to add functionality to their websites and interact with databases, file systems, and other servers. Here's an example of how PHP can help in designing a webpage:

Let's say you want to display a list of articles on your website. You could create a static HTML page with the article titles and links, but this would require you to manually update the page each time you add a new article. With PHP, you can create a dynamic page that automatically generates the article list based on the contents of a database.

Here's some example code:

PHP

```php
<?php
// Connect to database
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Query database for articles
$sql = "SELECT * FROM articles";
$result = $conn->query($sql);
```

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```php
// Display article list
if ($result->num_rows > 0) {
    while($row = $result->fetch_assoc()) {
        echo "<a href='article.php?id=" . $row["id"] . "'>" .
$row["title"] . "</a><br>";
    }
} else {
    echo "No articles found";
}

// Close database connection
$conn->close();
?>
```

In this code, we first connect to a MySQL database using the mysqli class. We then query the database for all articles and loop through the results, outputting each article title as a hyperlink to the article page. The article ID is passed as a parameter in the URL to the article page, allowing the page to dynamically display the correct article based on the ID.

This is just a simple example, but it shows how PHP can be used to create dynamic web pages that can automatically update and interact with databases.

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6. What does a PHP Script look like? Explain
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8. What is WYSIWYG?

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13. Explain various data types in PHP ?

14. What is Google caffeine? How it works? What are its benefits

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32. PHP if2

33. PHP if else2

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35. PHP use of function

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40. PHP Project

41. Explain static vs. dynamic optimization

42. What is web analytics? Explain.

43. Describe analytics and ROI concept.How we can calculate ROI? Write its advantages and disadvantages.

44. What are the functions to format string for presentation? Explain

45. How can we format string for storage in PHP? Explain

46. Explain string comparison in PHP.

47. Explain the functions to match and replace strings.

48. What are control structures? Explain types of if conditional statement in PHP

49. Write a program code for Switch Statement.

50. Explain the use of '?' Operator in PHP

51. How can we use while loop in PHP ? Give example

52. Write a program code for do-while Statement in PHP.

53. Explain the use of for loop in PHP with example

54. Explain break and continue statement in PHP

55. What are nested loops ?

56. What is a Function? How can we call a function

57. Explain creating a function in PHP.

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59. Explain the Dynamic Function Calls in PHP ?

60. Explain Function Calls with the static Statement in PHP ?

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61. Explain various types of Arrays used in PHP ?
62. Write short notes on Error Tracking and Debugging in PHP.
63. Write down the procedure for form validation using Java Script.
64. Write the differences between Include and Require in PHP
65. Write the differences between GET and POST method in PHP