WEB LAB

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Fourth stage - network - morning

Discussion

1. What are the differences between global keyword and $GLOBALS?

Global:
-Used inside functions in PHP.
-Requires a global keyword and explicit declaration within each function where you want to use a global variable.
-Directly references the variable by its name

$GLOBALS:
-Accessible anywhere in the script, not limited to functions.
-No need for explicit declaration; all global variables are accessible through the $GLOBALS superglobal.
-Access global variables using an associative array with the variable name as a string.

2. Can you write a global keyword in a program with capital letters instead small? If your answer is: yes or no, why?

No, you cannot write the global keyword with capital letters in PHP. Keywords in PHP are case-insensitive, which means they are not sensitive to the case of letters. So, whether you write global, GLOBAL, or even gLoBaL, PHP will recognize it as the same keyword.

In PHP, keywords are predefined and case-insensitive for ease of use and consistency in the language syntax.

3. Write a PHP script to enter 5 countries with their capital cities in an array and print out in descending order.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
<?php
// Associative array to store countries and their capital cities
$countriesAndCapitals = array(
    'USA' => 'Washington, D.C.',
    'France' => 'Paris',
    'Japan' => 'Tokyo',
    'Brazil' => 'Brasília',
    'Australia' => 'Canberra',
);

// Sorting the array in descending order based on the capitals
arsort($countriesAndCapitals);

// Printing the sorted array
foreach ($countriesAndCapitals as $country => $capital) {
    echo "Country: $country, Capital: $capital<br>";
}
?>
</body>
</html>
```

Document +

127.0.0.1/server/lec1.php

Country: USA, Capital: Washington, D.C.
Country: Japan, Capital: Tokyo
Country: France, Capital: Paris
Country: Australia, Capital: Canberra
Country: Brazil, Capital: Brasília