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Discussion 2

1. Which the preference single or double quotes for PHP developers and why?

- double-quoted strings will evaluate and parse any variables or escape sequences within the string. Single-quoted strings will output each character exactly as specified

2. If you forget the semicolon in the end statement of PHP code, what will PHP processor display for your code, try this by writing a small program in PHP?

- it would be difficult for the computer to determine where one statement ends and another begins, which would lead to errors in the code

3. Write a script to include a web page called page1 in another web page called page2 use include and require, explain the deference between them and discuss what is the useful from using the include files?

Page1:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
<?php
echo 'this is page 1 ^_^ ';
echo "<br>"
?>
</body>
</html>
```

Page2:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <?php

    require("page1.php");

    include("page1.php");
  ?>

</body>
</html>
```

1. Include Statement:

The include statement is used to include and evaluate a specified file during the execution of a PHP script. If the file is not found or cannot be included for any reason, a warning is issued, but the script execution continues.

2. Require Statement:

The require statement is similar to include, but it behaves differently when the specified file cannot be included. If the file is not found or cannot be included, a fatal error is issued, and the script execution is halted.

Including files using include or require offers several benefits:

1. Code Reusability
2. Modularity
3. Readability and Maintainability
4. Separation of Concerns