BUILDING WEB APPS WITH PHP & MYSQL
IT013
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LAB 1 - PHP INTRODUCTION

1. **Scope of Knowledge:**
   - Understanding PHP language
   - Understanding PHP syntax
   - Understanding PHP echo and print statements
   - Working with PHP variables
2. **Materials/Softwares/Tools:**
   - Visual Studio Code
   - Apache and MySQL servers
   - Chrome
3. **Coding Convention:**
4. **Exercises:**
   - ❖ **Exercise 1:**

     Install PHP server on your laptop or PC.

     Do the following steps:
     - Download and install MAPP from https://www.mamp.info/en/downloads/.
     - Start the server.
     - Run the default website on your server.

   - ❖ **Exercise 2:**

     Write and run the first PHP script:

```php
<!DOCTYPE html>
<html>
<body>
<?php
echo "<h2>PHP is Fun!</h2>";
echo "Hello world!<br>";


echo "I'm about to learn PHP!<br>";
echo "This ", "string ", "was ", "made ", "with multiple
parameters.";
?>
```

```html
</body>
</html>
```

❖ **Exercise 3:**

Write a PHP script using variables.

```php
<!DOCTYPE html>
<html>
<body>
<?php
$txt1 = "Learn PHP";
$txt2 = "VTC Academy";
$x = 5;
$y = 4;
print "<h2>" . $txt1 . "</h2>";
print "Study PHP at " . $txt2 . "<br>";
print $x + $y;
?>
</body>
</html>
```

❖ **Exercise 4:**

Create PHP script with comments.

```php
<!DOCTYPE html>
<html>
<body>
<?php
// This is a single-line comment
# This is also a single-line comment
/*
This is a multiple-lines comment block
that spans over multiple
lines
*/
// You can also use comments to leave out parts of a code line
$x = 5 /* + 15 */ + 5;
echo $x;
?>
</body>
</html>
```

Lab 1 - Building Web Apps with PHP & MySQL

❖ **Exercise 5:**

Write a PHP script to display the following content correctly.

This heading is in the center

This is paragraph one and should be on top

Hello
You delivered your assignment ontime.
Thanks
Mahnaz

This is paragraph two and should be at bottom

Hint: Use print statements with <p>, <br>, <hr>, <center> tags.

❖ **Exercise 6:**

Write a PHP script to display the following content correctly.

Máy Ảnh Sony RX100 IV (Chính Hãng)

19.090.000 đ 22.990.000 đ **-17%**

Source: Product of Sony

Hint: Use <img>, <div> or <table> tags with CSS styles.