

PHP for Beginners - Session 4

Variables

In this session, you learn about variables in PHP and how to use them for dynamic output.

1. Concatenation (Combining Strings)

- Use dot (.) to join strings:

```
echo "hello" . " world";
```

2. Defining a Variable

- Use \$ to define variables:

```
$greeting = "hello";
```

3. Using Variables

- Output a variable with echo:

```
echo $greeting . " everyone";
```

4. Variable Interpolation

- You can insert variables directly into double-quoted strings:

```
echo "$greeting everyone";
```

5. Single vs Double Quotes

- Double quotes parse variables:

```
echo "$greeting world"; // Hello world
```

- Single quotes do not parse variables:

```
echo ' $greeting world'; // $greeting world
```

6. Example:

```
<?php
```

```
$greeting = "Hello";
```

```
$noun = "World";
```

PHP for Beginners - Session 4

```
echo $greeting . " " . $noun . "!";
```

```
echo "$greeting $noun!";
```

```
?>
```

Practice:

- Define a variable \$name = "Mohammad"
- Output: Hello, Mohammad!