

PHP mySQL

CHAPTER ONE

1. What is php?

- Php is power-full open-source scripting language,
- User for web development and general purpose programming
- Was created in 1993 by Rasmus Lerdorf
- Originally called “Personal Home Page”
- It re-written in 1997 and renamed PHP 3

2. It's History

Year	Version	Features
1997	PHP 3	Database integration and dynamic web content
2000	PHP 4	Zend engine and OOP support
2004	PHP 5	MySQLi database interaction
2015	PHP 7	Zend engine 3, type declaration and null coalescing operators <code>var result = value ?? defaultValue;</code>
2020	PHP 8	JIT (just in time), named arguments
2021	PHP 8.1	Fibers for concurrency

CHAPTER TWO

3. What is variable?

- Variable is a named storage location that holds a value.

4. What are keywords?

- Keywords are reserved words that have special meanings within the language

5. What are operators ?

- Are essential components used to manipulate data.

6. Types of operators in PHP?

- Arithmetic Operators (+, -, *, /, %)
- Assignment operators (+=, -=, *=, /=, %=, =)
- Comparison operators (==, ===, !=, !==, >, >=, <, <=)
- Logical operators (&&, ||, !)
- Increment / Decrement operators (++ , --)
- String operators (., .=)

7. What is control structure?

- Control structure is user to control the flow of execution in a program.

8. Loops?

- Loops are used to execute a block of code multiple times.

9. Types of loops?

– **For loop**

```
<?php
    for ($i = 0; $i < 5; $i++) {
        echo $i;
    }
?>
```

– **While loop**

```
<?php
    $i = 0;
    while ($i < 5) {
        echo $i;
        $i++;
    }
?>
```

– **Do..while loop**

```
<?php
    $i = 0;
    do {
        echo $i;
        $i++;
    } while ($i < 5);
?>
```

– **For each loop**

```
<?php
    $colors = ['red', 'green', 'blue'];
    foreach ($colors as $color) {
        echo $color;
    }
?>
```