

Table of Contents



1. Variables
2. Output
3. Arithmetic Operators
4. Comparison Operators
5. Loops
6. Functions
7. Forms

1. Variables

Store data like numbers, text, or arrays using `$variable_name`:

- `$age = 25;` (integer)
- `$name = "EasyExamNotes";` (string)
- `$fruits = array("apple", "banana", "orange");` (array)

2. Output

Use `echo` or `print` to display information on the screen:

- `echo $age;` // Outputs 25
- `echo "Hello, $name!";` // Outputs "Hello, EasyExamNotes!"
- `print_r($fruits);` // Prints the array contents

3. Arithmetic Operators

Perform calculations with mathematical symbols:

- `$sum = $age + 10; // $sum now equals 35`
- `$average = ($age + 30) / 2; // $average gets 27.5`
- `$remainder = $sum % 3; // $remainder becomes 2 (modulus)`

4. Comparison Operators

Evaluate conditions using relational operators:

- `if ($age > 18) { echo "You are an adult."; }`
- `if ($fruit == "orange") { echo "Good choice!"; }`
- `if ($sum != 30) { echo "Calculation error!"; }`

5. Loops

Repeat code blocks with while, do-while, or for loops:

- `while ($i < 5) { echo "$i. I am looping! "; $i++; }`
- `do { echo "Counting down... $i"; $i--; } while ($i > 0);`
- `for ($j = 0; $j < count($fruits); $j++) { echo $fruits[$j] . " "; }`

6. Functions

Define reusable code blocks for modularity:

- `function greet($name) { echo "Welcome, $name!"; }`
- `greet("Jane"); // Outputs "Welcome, Jane!"`

7. Forms

Capture user input with HTML forms and access it in PHP:

- `<input type="text" name="username">`
- `$username = $_POST["username"]; // Get entered username in PHP`

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