PHP Conditional statements

INTRODUCTION PHP

Conditional statements

In PHP we have the following conditional statements:

if statement - executes some code **if one condition is true**

if...else statement - executes some code **if a condition is true** and **another code if that condition is false**

if...elseif....else statement - executes different codes **for more than two conditions**

switch statement - selects **one of many blocks of code** to be executed

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Conditional statements

IF

IF...ELSE

```php
<?php
  $age = 17;

  if( $age > 16 ) {
    echo "You can drive!";
  }
?>
```

```php
<?php
  $name = "Edgar";

  if ($name == "Simon") {
    print "I know you!";
  }
  else {
    print "Who are you?";
  }
?>
```

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Conditional statements
if…elseif…else

```php
<?php
$t = date("H");

if ($t < "10") {
    echo "Have a good morning!";
} elseif ($t < "20") {
    echo "Have a good day!";
} else {
    echo "Have a good night!";
}
?>
```

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Conditional statements
Switch Statement

The switch statement is used to perform different actions based on different conditions.

Use the switch statement to **select one of many blocks of code to be executed.**

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Conditional statements
switch…case j_i…case j_n…break…default

```php
<?php
$favcolor = "red";

switch ($favcolor) {
    case "red":
        echo "Your favorite color is red!";
        break;
    case "blue":
        echo "Your favorite color is blue!";
        break;
    case "green":
        echo "Your favorite color is green!";
        break;
    default:
        echo "Your favorite color is neither red, blue, nor green!";
}
?>
```

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Conditional statements switch…multiple cases

```php
<?php
$i = 5;

switch ($i) {
    case 0:
        echo '$i is 0.';
        break;
    case 1:
    case 2:
    case 3:
    case 4:
    case 5:
        echo '$i is somewhere between 1 and 5.';
        break;
    case 6:
    case 7:
        echo '$i is either 6 or 7.';
        break;
    default:
        echo "I don't know how much \$i is.";
}
?>
</body>
```

```php
<?php
$i = 5;

switch ($i) {
    case 0:
        echo '$i is 0.';
        break;
    case $i < 6:
        echo '$i is somewhere between 1 and 5.';
        break;
    case 6:
    case 7:
        echo '$i is either 6 or 7.';
        break;
    default:
        echo "I don't know how much \$i is.";
}
?>
</body>
```

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