

# PHP if..else..else if Statements

Topics : [PHP](#)

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PHP if..else..else if Statements are Conditional statement which are used to perform different actions based on different conditions.

We have the following conditional statements in php:

1. if statement - executes some code if one condition is true
2. if...else statement - executes some code if a condition is true and another code if that condition is false
3. if...elseif...else statement - executes different codes for more than two conditions
4. nested if - The nested if statement contains the if block inside another if block. The inner if statement executes only when specified condition in outer if statement is true.

## PHP If Statement

The if statement executes block code if one condition is true.

### Syntax

```
if (condition) {  
    code to be executed if condition is true;  
}
```

### Example

```
<?php  
    $month=12;  
    if($month==4){  
        echo "Month $month is April.";  
    }  
?>
```

**Output:** Month 4 is April.

## PHP - The if...else Statement

The if...else statement executes inside code if a condition is true and another code if that condition is false.

**Syntax :**

```

if(condition){
//code has been executed if true
}else{
//code has been executed if false
}

```

### Example :

```

<?php
    $marks=50;
    if($marks<=40){
        echo "Your result is fail.";
    }else{
        echo "Your result is Pass.";
    }
?>

```

**Output:** Your result is Pass.

### PHP - The if...elseif...else Statement

The if...elseif...else statement is used to check multiple condition.

#### Syntax:

```

if (condition) {
    code to be executed if this condition is true;
} else if (condition) {
    code to be executed if first condition is false and this condition is true;
} else {
    code to be executed if all conditions are false;
}

```

#### Example:

```

$percentage=65;
if($percentage<40)
{
    echo "<br> Fail.";
}else if($percentage<60 && $percentage>=40)
{
    echo "<br> Second class.";
}else if($percentage<70 && $percentage>=60)
{
    echo "<br> First class.";
}else if($percentage<=100 && $percentage>=70)
{
    echo "<br> Distinction class.";
}else
{
    echo "<br> Invalid persantage.";
}

?>

```

**Output:** First class.

### **PHP nested if Statement :**

The nested if statement contains the if block inside another if block. The inner if statement executes only when specified condition in outer if statement is **true**.

#### **Syntax**

```
if (condition) {  
    //code to be executed if condition is true  
    if (condition) {  
        //code to be executed if condition is true  
    }  
}
```

#### **Example**

```
<?php  
$subject = "Maths";  
$class= 3;  
  
if ($class == 3)  
{  
    if ($subject == "Maths") {  
        echo "Student attends class-3 maths.";  
    }  
    else {  
        echo "No Class for students";  
    }  
}  
?>
```

#### **Output:**

Student attends class-3 maths.

#### **Output :**