

PHP supports several data types, which are used to store different kinds of values.

Here are the main data types in PHP:

1. Integer:

An integer is a whole number, such as 0, 1, 2, -3, etc. In PHP, integers can be specified in decimal, hexadecimal, or octal notation.

```
$myInt = 42; // decimal notation  
$myInt = 0xFF; // hexadecimal notation  
$myInt = 077; // octal notation
```

2. Float:

A float is a decimal number with a fractional part, such as 3.14, 2.0, etc.

```
$myFloat = 3.14;
```

3. String:

A string is a sequence of characters, such as "hello", "world", etc. In PHP, strings can be enclosed in single quotes or double quotes.

```
$myString = 'Hello, world!';
```

```
$myString = "Hello, world!";
```

4. Boolean:

A boolean is a value that is either true or false.

```
$myBool = true;  
$myBool = false;
```

5. Array:

An array is a collection of values, which can be accessed using an index or a key.

```
$myArray = array(1, 2, 3); // numeric array  
$myArray = array('key1' => 'value1', 'key2' => 'value2'); //  
associative array
```

6. Object:

An object is an instance of a class, which has properties and methods.

```
class MyClass {  
    public $myProp = 'Hello, world!';  
  
    public function myMethod() {  
        echo $this->myProp;  
    }  
}
```

```
}  
  
$myObj = new MyClass();  
$myObj->myMethod();
```

7. Null:

Null is a special value that represents the absence of a value.

```
$myVar = null;
```

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