**Arrays**

In PHP, arrays are versatile data structures that can store multiple values in a single variable. PHP supports three types of arrays:

**Indexed Arrays:** Arrays with a numeric index.

**Associative Arrays:** Arrays where keys are named strings.

**Multidimensional Arrays:** Arrays containing other arrays.

Examples:

1. Indexed Array

**$fruits = array("Apple", "Banana", "Orange");**

**echo $fruits[0]; // Outputs: Apple**

Alternatively, using the [] shorthand:

**$fruits = ["Apple", "Banana", "Orange"];**

2. Associative Array

**$person = array("name" => "John", "age" => 25, "gender" => "male");**

**echo $person['name']; // Outputs: John**

3. Multidimensional Array

**$people = array(**

**array("name" => "John", "age" => 25),**

**array("name" => "Jane", "age" => 30)**

**);**

**echo $people[0]["name"]; // Outputs: John**