**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