



For...loop Exercises php



- 1) Create a function that takes two numbers as arguments and returns their sum.
- 2) Create a function that takes a string as an argument and returns the length of the string.
- 3) Create a function that takes an array of numbers as an argument and returns the sum of all the numbers in the array.
- 4) Create a function that takes an array of strings as an argument and returns the longest string in the array.
- 5) Create a function that takes a number as an argument and returns whether the number is even or odd.
- 6) Create a function that takes an array of numbers as an argument and returns the highest number in the array.
- 7) Create a function that takes a string as an argument and returns the string reversed.
- 8) Create a function that takes an array of strings as an argument and returns a new array with all the strings in uppercase.
- 9) Create a function that takes a string as an argument and returns whether the string contains only letters (no numbers or special characters).
- 10) Create a function that takes an array of numbers as an argument and returns a new array with all the numbers doubled.

Exercises and solution

- 1) Create a function that takes two numbers as arguments and returns their sum.

```
function sum($num1, $num2) {  
    return $num1 + $num2;  
}
```

- 2) Create a function that takes a string as an argument and returns the length of the string.

```
function string_length($str) {  
    return strlen($str);  
}
```

- 3) Create a function that takes an array of numbers as an argument and returns the sum of all the numbers in the array.

```
function array_sum($arr) {  
    return array_sum($arr);  
}
```

- 4) Create a function that takes an array of strings as an argument and returns the longest string in the array.

```
function longest_string($arr) {  
    $longest = "";  
    foreach ($arr as $str) {  
        if (strlen($str) > strlen($longest)) {  
            $longest = $str;  
        }  
    }  
}
```

```
}  
return $longest;  
}
```

- 5) Create a function that takes a number as an argument and returns whether the number is even or odd.

```
function is_even($num) {  
    if ($num % 2 == 0) {  
        return true;  
    } else {  
        return false;  
    }  
}
```

- 6) Create a function that takes an array of numbers as an argument and returns the highest number in the array.

```
function highest_number($arr) {  
    return max($arr);  
}
```

- 7) Create a function that takes a string as an argument and returns the string reversed.

```
function reverse_string($str) {  
    return strrev($str);  
}
```

- 8) Create a function that takes an array of strings as an argument and returns a new array with all the strings in uppercase.

```
function uppercase_strings($arr) {  
    return array_map('strtoupper', $arr);  
}
```

- 9) Create a function that takes a string as an argument and returns whether the string contains only letters (no numbers or special characters).

```
function contains_only_letters($str) {  
    if (ctype_alpha($str)) {  
        return true;  
    } else {  
        return false;  
    }  
}
```

- 10) Create a function that takes an array of numbers as an argument and returns a new array with all the numbers doubled.

```
function double_numbers($arr) {  
    $result = array();  
    foreach ($arr as $num) {  
        $result[] = $num * 2;  
    }  
    return $result;  
}
```