Basic String Functions

strlen($string) Returns the length of the string.

```php
echo strlen("Hello"); // Output: 5
```

str_word_count($string) Counts the number of words in a string.

```php
echo str_word_count("Hello World!"); // Output: 2
```

strrev($string) Reverses the string.

```php
echo strrev("Hello");
```

strpos($string, $search) Finds the position of the first occurrence of a substring.

```php
echo strpos("Hello World", "World"); // Output: 6
```

substr($string, $start, $length) Returns a portion of the string.

```php
echo substr("Hello World", 0, 5); // Output: Hello
```

String Manipulation

str_replace($search, $replace, $string) Replaces all occurrences of the search string with the replacement.

```php
echo str_replace("World", "PHP", "Hello World"); // Output: Hello PHP
```

strtolower($string) Converts a string to lowercase.

```php
echo strtolower("HELLO"); // Output: hello
```

strtoupper($string) Converts a string to uppercase.

```php
echo strtoupper("hello"); // Output: HELLO
```

ucfirst($string) Capitalizes the first letter of a string.

```php
echo ucfirst("hello"); // Output: Hello
```

ucwords($string) Capitalizes the first letter of each word in a string.

```php
echo ucwords("hello world"); // Output: Hello World
```

trim($string) Removes whitespace or specified characters from the beginning and end of a string.

```php
echo trim("  Hello  "); // Output: Hello
```

Advanced String Functions

explode($delimiter, $string) Splits a string into an array by a delimiter.

```php
print_r(explode(" ", "Hello World"));
// Output: Array ( [0] => Hello [1] => World )
```

implode($glue, $array) Joins array elements into a single string with a glue string.

```php
echo implode("-", ["Hello", "World"]);
```

str_split($string, $length) Splits a string into an array of equal-length substrings

```php
print_r(str_split("Hello", 2));
```

htmlspecialchars($string) Converts special characters to HTML entities.

```php
echo htmlspecialchars("<a href='test'>Test</a>");
```

md5($string) Calculates the MD5 hash of a string.

```php
echo md5("password");
```

#php