In PHP, there are several functions available to match and replace strings, including:

## 1. strpos():

This function is used to find the position of the first occurrence of a substring in a string. It takes two arguments: the string to search in, and the substring to search for. If the substring is found, the function returns the position of its first occurrence in the string, starting from 0. If the substring is not found, the function returns false.

Example:

```
// Using strpos() to find the position of a substring
$string = "Hello world!";
$pos = strpos($string, "world");
if ($pos !== false) {
    echo "The substring was found at position: " . $pos;
} else {
    echo "The substring was not found";
}
```

## 2. preg_match():

This function is used to perform regular expression matching on a string. It takes two arguments: the regular expression pattern to search for, and the string to search in. If the pattern is found in the string, the function returns true. Otherwise, it returns false.

Example:

```
// Using preg_match() to perform regular expression matching
$string = "The quick brown fox jumps over the lazy dog";
if (preg_match("/brown/", $string)) {
    echo "The string contains the word 'brown'";
} else {
    echo "The string does not contain the word 'brown'";
}
```

## 3. str_replace():

This function is used to replace all occurrences of a substring in a string with another substring. It takes three arguments: the substring to search for, the substring to replace it with, and the string to search in. If the substring is found in the string, all occurrences of it are replaced with the replacement substring. The function returns the resulting string.

Example:

```
// Using str_replace() to replace all occurrences of a substring
$string = "Hello, World!";
$new_string = str_replace("Hello", "Goodbye", $string);
echo $new_string; // Outputs "Goodbye, World!"
```

## 4. preg_replace():

This function is similar to str_replace(), but it performs regular expression matching on the string to search for. It takes three arguments: the regular expression pattern to search for, the replacement string, and the string to search in. If the pattern is found in the string, all matches are replaced with the replacement string. The function returns the resulting string.

Example:

```
// Using preg_replace() to replace all matches of a regular expression
$string = "The quick brown fox jumps over the lazy dog";
$new_string = preg_replace("/brown|lazy/", "red", $string);
echo $new_string; // Outputs "The quick red fox jumps over the red
dog"
```

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