

PHP関数

1. sprintf(), printf()

```
<?php
```

```
$name = 'Apple';
```

```
$score = 32.246;
```

```
// $info = "[$name][$score]";
```

```
// echo $info . PHP_EOL;
```

```
// $info = sprintf("[%15s][%10.2f]", $name, $score);
```

```
// echo $info . PHP_EOL;
```

```
// $info = sprintf("[%15s][%010.2f]", $name, $score);
```

```
// echo $info . PHP_EOL;
```

```
printf("[%15s][%010.2f]" . PHP_EOL, $name, $score);
```

2. strlen, trim, strpos, str_replace

```
<?php
```

```
$input = ' maki_hiroya ';
```

```
$input = trim($input);
```

```
// echo strlen($input) . PHP_EOL;
```

```
// echo strpos($input, '_') . PHP_EOL;
```

```
$input = str_replace('_', '@', $input);
```

```
echo $input . PHP_EOL;
```

3. substr, substr_replace

```
<?php
```

```
$input = '20200320Item-A 1200';  
$input = substr_replace($input, 'Item-B ', 8, 8);
```

```
$date = substr($input, 0, 8);  
$product = substr($input, 8, 8);  
// $amount = substr($input, 16, 4);  
$amount = substr($input, 16);
```

```
echo $date . PHP_EOL;  
echo $product . PHP_EOL;  
// echo $amount . PHP_EOL;  
echo number_format($amount) . PHP_EOL;
```

4. implode, explode

```
<?php
```

```
//$d = [2020, 11, 15];  
//echo "$d[0]-$d[1]-$d[2]" . PHP_EOL;  
//echo implode('-', $d) . PHP_EOL;
```

```
$t = '17:32:45';  
$t_array = explode(':', $t);  
print_r($t_array);
```

5. 数学の関数

```
<?php
```

```
$n = 5.6283;
```

```
echo ceil($n) . PHP_EOL; // 6 小数点以下切り上げ  
echo floor($n) . PHP_EOL; // 5 小数点以下切り捨て  
echo round($n) . PHP_EOL; // 6 四捨五入して整数にする  
echo round($n, 2) . PHP_EOL; // 5.63 小数点以下2桁で四捨五入
```

```
echo mt_rand(1, 6) . PHP_EOL;
```

```
echo max(3, 9, 4) . PHP_EOL;  
echo min(3, 9, 4) . PHP_EOL;
```

6. 配列の操作1

```
<?php
```

```
$scores = [30, 40, 50];
```

```
array_unshift($scores, 10, 20); // 先頭に追加  
array_push($scores, 60, 70); // 末尾に追加  
$scores[] = 80; //末尾に追加
```

```
array_shift($scores); // 先頭から1こ削除  
array_pop($scores); // 末尾から1こ削除
```

```
print_r($scores);
```

7. 配列の操作2

```
<?php
```

```
$scores = [30, 40, 50, 60, 70, 80];  
// $partial = array_slice($scores, 2, 3);  
// $partial = array_slice($scores, 2);  
$partial = array_slice($scores, -2);
```

```
print_r($scores);  
print_r($partial);
```

8. 配列の操作3

```
<?php
```

```
$scores = [30, 40, 50, 60, 70, 80];  
  
// array_splice($scores, 2, 3);  
// array_splice($scores, 2, 3, 100);  
// array_splice($scores, 2, 0, 100);  
array_splice($scores, 2, 0, [100, 101]);
```

```
print_r($scores);
```