

## PHP vs Python Syntax Cheat Sheet

### 1. Print / Output

PHP: `echo "Hello";`

Python: `print("Hello")`

### 2. Variables

PHP: `$x = 10;`

Python: `x = 10`

### 3. String Concatenation

PHP: `"Hi " . $name`

Python: `"Hi " + name`

### 4. If / Else

PHP: `if ($x > 0) { ... }`

Python: `if x > 0:`

### 5. Indentation

PHP uses `{ }`

Python uses indentation

### 6. Arrays / Lists

PHP: `array(1,2,3)`

Python: `[1,2,3]`

### 7. Associative Arrays / Dict

PHP: `["a" => 1]`

Python: `{"a": 1}`

### 8. For Loop

PHP: `for ($i=0; $i<5; $i++)`

Python: `for i in range(5):`

### 9. Foreach Loop

PHP: `foreach ($arr as $x)`

Python: `for x in arr:`

## 10. Functions

PHP: `function add($a,$b)`

Python: `def add(a,b):`

## 11. Classes

PHP: `class Dog { ... }`

Python: `class Dog:`

## 12. Comments

PHP: `// # /* */`

Python: `#` and triple-quotes

## 13. String Interpolation

PHP: `"Hi $name"`

Python: `f"Hi {name}"`

## 14. Null / None

PHP: `null`

Python: `None`

## 15. Boolean

PHP: `true/false`

Python: `True/False`

## 16. Include / Import

PHP: `include "x.php"`

Python: `import x`

## 17. String Length

PHP: `strlen($s)`

Python: `len(s)`

## 18. GET Params

PHP: `$_GET["x"]`

Python (Flask): `request.args.get("x")`

#### 19. Ternary

PHP: `$x>0 ? "yes":"no"`

Python: `"yes" if x>0 else "no"`

#### 20. Exit

PHP: `exit()`

Python: `quit()`