

## 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()`