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| --- | --- | --- | --- |
|  | Python | Javascript | PHP |
| Comments | #  OR  ‘’’ ‘’’ | //  OR  /\* \*/ | //  #  /\* \*/ |
| Set a variable | x = 4 | var x = 4; | $x = 4; |
| Print to screen | print(“Hello World”) | document.write(“Hello World”); | echo “\_\_\_\_\_\_“; (preferred)  print “\_\_\_\_\_\_ “; |
| Create a function | def functionName ():   * CODE | function functionName () {  } | function functionName () {  } |
| Conditional Statement | if \_\_\_\_\_\_\_:  else: | if (\_\_\_\_\_) {  } else {  } | if (\_\_\_\_) {  } else {  } |
| While loop | while \_\_\_\_\_ :   * CODE | while (\_\_\_\_) {  } | while (\_\_\_\_) {  } |
| For loop | for \_\_\_\_ in \_\_\_\_\_ :   * CODE | for (var x = 0; x < 10; x++) {  } | for ($x = 0; $x < 10; $x++) {  } |
| Any other language specific syntax that I should remember: | Whitespace matters! | Semicolon at the end of every statement. Curly braces for every block of code. | <?php  ?> |