PYTHON if condition:	JAVASCRIPT  if (condition) { }
Ex.	Ex.
if 1 < 2:	if (1 < 2) {
	console.log("ye"); // "ye"
print( ye ) # ye	1
	J .
if condition:	if (condition) ;
	= code to run if condiiton True
Ex.	Ex.
	if (1 < 2) console.log("ye"); // "ye"
	(
if condition:	if (condition) {
else:	} else {
- can NOT have empty code blocks (will get error)	}
	- <u>CAN</u> have empty code blocks
Ex.	Ex.
if 1 > 2:	if (1 > 2) {
print("ye")	console.log("ye");
else:	} else {
print("nop") # "nop"	console.log("nop"); // "nop"
The Art of	}
value_true if condition else value_false	condition ? value_true : value_false
- can NOT have statements in value_false only expressions!	- CAN have statements or expressions in value_true or value_false
- only available in python version 2.5+	- called ternary operator
Ex1.	Ex1.
print("ye") if 1 < 2 else print("nop") # "ye"	1 < 2 ? console.log('ye') : console.log('nop'); // "ye"
Ex2.	Ex2.
print("ye" if 1 < 2 else "nop") # "ye"	console.log(1 < 2 ? "ye" : "nop" ); // "ye"
if a waiting	te (a a wallstoon) (
	if (condition) {
eiir condition:	} else if (condition) {
	}
Ev	Ex.
	if (1 > 2) {
	console.log("ye");
	} else if (1 < 2) {
pinit( eiii ) # eiii	console.log("else if"); // "else if"
	J .
	if condition: = code to run if condiiton True  Ex. if 1 < 2: print("ye") # "ye"  if condition: else: - can NOT have empty code blocks (will get error)  Ex. if 1 > 2: print("ye") # "nop"  else: print("nop") # "nop"  value_true if condition else value_false - can NOT have statements in value_false only expressions! - only available in python version 2.5+  Ex1. print("ye") if 1 < 2 else print("nop") # "ye"

	PYTHON	JAVASCRIPT
6. if elif else	if condition:	if (condition) {
	elif condition:	} else if (condition) {
	else:	} else {
		}
	Ex.	Ex.
	if 1 > 2:	if (1 > 2) {
	print("ye")	console.log("ye");
	elif 1 == 2:	} else if (1 == 2) {
	print("elif")	console.log("else if");
	else:	} else {
	print("else") # "else"	console.log("else"); // "else"
		}
7. Eclasy/Truthy Volume	chicate by default are twithy unless among a the chicat's heal mathed returns	All chicate are twithy even if empty
7. Falsey/Truthy Values	- objects by default are truthy <u>unless empty</u> or the object's bool method returns False	- ALL objects are truthy even if empty
	TRUTHY "0", "-1", 1, -1, "a", [ 1 ], { "a": 1 }	TRUTHY "0", "-1", 1, -1, "a", [ 1 ], { "a": 1 }, [ \]
	FALSEY 0, 0.0, [1, []]	FALSEY 0, 0.0
	TABLE 1 0, 0.0, 11.11	TALULT 0, 0.0
8. in	- used to iterate for in sequence/dict	same as python
	- used to check if a value (or key if dictionary) is present in a sequence, set, dictionary	
	- <u>DOES</u> check for objects in objects	- for objects does <u>NOT</u> check for values!
	Ex1.	Ex1.
	list = [ "a", 2, [3] ]	let arr = [ "a", 2, [3] ]
	print([3] in list) #True	console.log([3] in arr) // false
	Provide a service and service	
	Ex2.	
	list = [ "a", [1] , 2]	
	print("b" in list) # False	
	print("a" in list) # True	
	print([1] in list) # True	
	Ex3.	
	dic = { "a": 2, "b": 3 }	
	print("z" in dic) # False	
	print("a" in dic) #True	
9. python <u>expression</u> vs <u>statement</u>	<u>Expressions</u>	
	- expressions evaluate to at least one value	
	- expressions are also statements, but not all statements are expressions	
	1+2	
	print("ye")	
	"hi"	
	Statements	

PYTHON	JAVASCRIPT
- made up of expressions	
x = 10	
print("ye")	
if 1 < 2: x = "yep"	