

print(studentA)

Python Syntax

Declaring variables OUTPUT: {'name': 'Joel', 'age': 16, 'parking': False} a = 3b = "Hello Python!" n = studentA["age"] c = True print(n) OUTPUT: 16 Print studentA["parking"] = True a = 3print(studentA["parking"]) print("There are " + a + " cats.") OUTPUT: True OUTPUT: There are 3 cats. Conditionals (if, else, elif) **Mathematical Operators** if a > b: a = 3, b = 2print("a is greater than b") print(a+b-2) OUTPUT: 3 elif a == b: print(a*b) OUTPUT: 6 print("a and b are equal") print(a/b) OUTPUT: 1.5 else: print(a%b) OUTPUT: 1 print("b is greater than a") While loop **Comparison Operators** a, b = 2, 0a = 3. b = 2while(a > b): == equal: print(a==b) OUTPUT: False print(a) != not equal: print(a!=b) OUTPUT: True a = a - 1>, <, <=, >= OUTPUT: 2 1 List names = ["Joel", "Nisa", "Allan"] For loop print(names) for i in range(2): OUTPUT: ['Joel', 'Nisa', 'Allan'] print(i) print(names[0]) OUTPUT: 0 **OUTPUT: Joel** Print list items using for loop Length of the list names = ["Joel", "Nisa", "Allan"] len() print(len(names)) for i in names: **OUTPUT: 3** print(i) OUTPUT: Joel Add Items Nisa append() names.append("Kyle") Allan **Dictionaries Functions** studentA = { def function123(): "name": "Joel" print("Function 123") "age": 16 "parking": False function123 **OUTPUT: Function 123**