Topic	Class Number	Class Date	Class Day
Intro to Python	1		
What is Python?	1		
Why Python?	1		
Interpreter vs. Compiler	1		
Good Programming Practices	1		
Install Python3	1		
Install Visual Studio Code	1		
Install Git Bash (Windows Users)	1		
What is Programming	1		
What is Psuedocode?	1		
What is Data?	2		
Intro to the Binary Digit (Bit)	2		
Intro to Bytes	2		
Intro to ASCII and Unicode	2		
Decimal to Binary Conversion Demo	2		
Binary to Decimal Conversion Demo	2		
Files Structuring	2		
Opening Files and Directories using VS Code	2		
Saving Files as Python Files	2		
Intro to the CLI (Linux)	2		
CLI in Visual Studio Code	2		
Running a Python File using VS Code	2		
Running a Python File using VS Code CLI	2		
Running a Python Files using native CLI	2		
Intro to Variables in Python	2		
String Formatting	3		
Intro to Github and Git	3		
String Methods			
	4		

CRUD on Lists 4 List Methods 4 Intro to Tuple (Light) 4 Intro to Tuple (Light) 5 Intro to Tuples 5 Intro to Tuples 5 CRUD on Tuples 5 Tuple Methods 5 Intro to Dictionaries 5 CRUD on Dictionaries 5 Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Passing Arguments by Value 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 9	Intro to Lists	4	
Intro to Tuple (Light) Society	CRUD on Lists	4	
Intro to Tuples CRUD on Tuples STUPLE Methods STUPLE METHOD STUPLE STU	List Methods	4	
Intro to Tuples 5 CRUD on Tuples 5 Tuple Methods 5 Intro to Dictionaries 5 CRUD on Dictionaries 5 Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Number of Parameters in a Function 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Intro to Tuple (Light)		
Intro to Tuples 5 CRUD on Tuples 5 Tuple Methods 5 Intro to Dictionaries 5 CRUD on Dictionaries 5 Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Number of Parameters in a Function 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8			
Intro to Tuples 5 CRUD on Tuples 5 Tuple Methods 5 Intro to Dictionaries 5 CRUD on Dictionaries 5 Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Number of Parameters in a Function 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8			
CRUD on Tuples 5 Tuple Methods 5 Intro to Dictionaries 5 CRUD on Dictionaries 5 Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Number of Parameters in a Function 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8		5	
Tuple Methods Intro to Dictionaries CRUD on Dictionaries Dictionary Methods 6 Intro to Functions Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Conditionals in Python Activity Based Day: Conditionals Activity on While Loops 5 CRUD on Dictionaries 5 CRUD on Dictionaries 5 6 Comparison 6 Comparison 6 Comparison 7 Intro to While Loops in Python 8 Activity on While Loops	Intro to Tuples	5	
Intro to Dictionaries CRUD on Dictionaries Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals Activity on While Loops 8	CRUD on Tuples	5	
CRUD on Dictionaries Dictionary Methods 6 Intro to Functions Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals Activity on While Loops 6 Comparison Operators Conditionals Conditio	Tuple Methods	5	
Dictionary Methods 6 Intro to Functions 6 Parameters vs Arguments in Functions 6 Passing Arguments into Functions 6 Number of Parameters in a Function 6 Passing Arguments by Value 6 Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python Logical Operators in Python Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops 8	Intro to Dictionaries	5	
Intro to Functions Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference Fassing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals To While Loops Activity on While Loops Activity on While Loops Beside Activity on Service Arguments of Service Activity on While Loops Beside Activity on Service Activity on Service Activity on While Loops Beside Activity on Service Activity on	CRUD on Dictionaries	5	
Intro to Functions Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference Fassing Arguments by Value Fassing Arguments by V	Dictionary Methods		
Parameters vs Arguments in Functions Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference Fassing Arguments by Value Fas		6	
Passing Arguments into Functions Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference Fassing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals The Pass Keyword Activity Based Day: Conditionals The Pass Keyword T	Intro to Functions	6	
Number of Parameters in a Function Passing Arguments by Value Passing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals Intro to While Loops in Python 8 Activity on While Loops 8	Parameters vs Arguments in Functions	6	
Passing Arguments by Value Passing Arguments by Reference The Return Keyword The Pass Keyword Comparison Operators in Python Logical Operators in Python Conditionals in Python Activity Based Day: Conditionals Intro to While Loops in Python Activity on While Loops 8	Passing Arguments into Functions	6	
Passing Arguments by Reference 6 The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Number of Parameters in a Function	6	
The Return Keyword 6 The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Passing Arguments by Value	6	
The Pass Keyword 6 Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Passing Arguments by Reference	6	
Comparison Operators in Python 6 Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	The Return Keyword	6	
Logical Operators in Python 6 Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	The Pass Keyword	6	
Conditionals in Python 6 Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Comparison Operators in Python	6	
Activity Based Day: Conditionals 7 Intro to While Loops in Python 8 Activity on While Loops 8	Logical Operators in Python	6	
Intro to While Loops in Python 8 Activity on While Loops 8	Conditionals in Python	6	
Intro to While Loops in Python 8 Activity on While Loops 8			
Activity on While Loops 8	Activity Based Day: Conditionals	7	
Activity on While Loops 8			
	Intro to While Loops in Python	8	
9	Activity on While Loops	8	
		9	

Intro to For-Loops in Python	9	
Iterable vs Range Method	9	
Loop Control Statements	9	
Nested Loops	9	
Loop Control Statements	9	
Intro to the Modulus Operator	9	
Activity: Functions and Loops		
Activity Based Day: General Problem Solving	10	
Review Topics from Day 1 - 9	10	
Intro to Coding Bat: Solve Warm Ups Together		
	11	
Python Language Applications: Review	11	
Intro to Modules in Python	11	
Activity: Modules	11	
Intro to the Random Module	11	
Activity: Random Module	11	
Random Module Notes and Demo		
	12	
Intro to Statistics Modules in Python	12	
Statistic Module Notes and Demo	12	
Activity: Statistic Module		
	13	
Intro to Files in Python	13	
CRUD on Files using Python	13	
Demo Files using Python	13	
Activity: Files using Python		
	14	
Intro to List, Map and Filter	14	
Intro to Ternary Operators	14	
Intro to Lambda Expressions	14	

Demo List, Map, and Filter	14	
Demo Ternary Operators	14	
Demo Lambda Expressions	14	
Activity: List, Map and Filter	14	
Activity: Ternary Operators	14	
Activity: Lambda Expressions		
	15	
Intro to List Comprehension in Python	15	
Intro to Dictionary Comprehension in Python	15	
Intro to Tuple Comprehension in Python		
End of Fundamentals		
Intermediate Python: Bonus		
Intro to Object Oriented Programming		