<https://www.w3schools.com/python/default.asp>

12 mar 2019

5. The Basics of Python

1. Introduction

2. Getting To Know Python

5. Understanding More About Python

Monty python circus based name

Invented guido van rosum

7. Storing Items in Variables

storing data into variable , operators in python + - / \* // % \*\*(power of num)

Operator precedence Rule in python

9. More About Variables And Strings

using brackets make your operations very human-like

strings : sequence of characters data type, postion index starts from 0 and ends with n-1 and -n to 0 like last to begining. we also read between two indexes

num = "1, 2, 3, 4, 5, 6, 7, 8, 9"

print(num[0::3])

ans: 123456789

10. String Formatting - Displaying Numbers And Strings

String formatting operator - example html file also added in the folder.

<https://docs.python.org/3/library/string.html#format-string-syntax>

6. Program Flow Control in Python

1. Introduction

2. An Introduction To Program Flow Control

In intelliJ ide you can change Indent and Tab setting : Editor -> Code Style -> Python

Never mix with tabs and spaces in python that might end up with confusion and errors , further refactoring the code would be required to clear up with errors

3. Test Conditions With If, ElIf \_ Else

Name = input(‘enter ur name: ‘)

Age = int(input(‘hw old are u {0} ‘.format(Name)))

Comments are ignored by interpreter and completely for code documentation of the programmer's perspective.

5. More Advanced If, ElIf \_ Else Processing

7. Challenge - If Then Else

8. For Loops.

10. Extending For Loops

13. Understanding Continue, Break And Else

13/3/2019

Wednesday

16. Augmented Assignment

18. Challenge - Program Flow - Part 1

19. Challenge - Program Flow - Part 2

Here we have also show how to split up lines in the IntelliJ IDE for Python in case of splitting up of the multiple character using the continuation character

20. While Loops

21. Challenge - While Loop

7. Lists, Ranges \_ Tuples in Python

15/Mar/2019

1.Introduction

2. Lists In Python

List is a sequence of things ( lists, strings, ...)

Sort works on method or variable which is filled with the values.

eg number.sort

or sorted(number)

3. More About Lists

Lists in Python

== returns if the contents inside the iterables are identical

list is another\_list : is return is the two variables are completly same ...

16 Mar 2019

4. Challenge - Lists

5. Understanding Iterators

6. Understanding and using Ranges

7. More About Ranges

8. Ordered Sets With Tuples

9. More On Ordered Sets With Tuples

17 Mar 2019

8. The Binary number system explained

1. Introduction to the Section

2. Binary Basics

3. What is binary

4. Hexadecimal and Octal and the Challenge

9. Python Dictionaries and Sets

1. Introduction to the Section

2. Python Dictionaries

3. Dictionaries Part 2

17 Mar 2019

In this 1st week section

* Mini Intro and using of GIT and version control
* Understanding about the 1st project ( <https://github.com/puneeth1996trainor/Python-Path-17-Mar-2019/tree/master/Project%201%20webmap> )
* Actual Intro to Python   
  Setup in local machine , PyCharm or ItelliJ IDE  
  Program Control Flow   
  Lists Ranges Tuples DIctionaries Sets and Understanding About Binaries

Yeah !!