**Python training Notes:**

**Course Name:** **SCRIPT 307: Basic Python**

**This is Part 1 of the whole training in the duration 17 to 31 July**

**This will be followed with next Part 2 session for Intermediate Python topics in the month of August.**

**Day 11: 31 Jul 2018 - Tuesday (2 Hrs Session)**

**Expectation Setting ASL (Assisted Self-Learning) 2Hrs session daily**

**And then do self-study and hands on assignments from below learning course link and the assignments given below here in this document:**

<https://knowledgecenter.persistent.co.in/ViewCourse/pmoc>

***Please visit the following URL to view the collaborative learning group***

<https://persistentuniversity.persistent.co.in/CollaborativeLearningGroup/view.aspx?SkillId=9144>

**Topics Covered:**

Regular Expressions Continued

Few Pre defined modules in Python Library

**\*\*\*\*\*To Do for Day 11:**

Nugget 1 : Introduction to Python & Python Fundamentals

Nugget 2 : Python Basics

Nugget 3 : Python Control Structures

Nugget 4 : Functions & Modules

Nugget 5 : I/O & Exception handling

Nugget 6 : Regular Expressions in Python

Subjective Assignment for Nugget 1 to 3 : Only for self Practice

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1. Complete reading these Nuggets from <https://knowledgecenter.persistent.co.in/ViewCourse/pmoc>

2. Please execute all codes in these Nuggets

3. Start solving assignment at the end of Nuggets

\*\*Also read the Python documentation for the topics covered till date.

**Alternative material for Self Learning:**

**Micro Learning Course**

Also you can enroll to [**SCRIPT 302: BASIC PYTHON**](https://persistentuniversity.persistent.co.in/coursedetails.aspx?cid=837) from Micro Learning Course <https://persistentuniversity.persistent.co.in/microlearning>

Welcome to Micro Learning!!

You can now complete a course by learning small units at a time, i.e. learning Micro Nuggets. Take out 15 minutes time daily and complete one micro nugget and a short quiz. Click on Complete button to ensure the completion and to get access to next Micro Nugget on next day.

Use the link given above to visit the Micro Learning Site to view the next micro nugget.

You can also view my Python Video recording as a part Smart India Hackathon 2018 at -

<https://www.youtube.com/watch?v=zF-0vJeIxt8&feature=youtu.be>

**Try Below Codes:**

Solve codes provided in the folder

**The key differences between Python 2.7.x and Python 3.x**

[**http://sebastianraschka.com/Articles/2014\_python\_2\_3\_key\_diff.html**](http://sebastianraschka.com/Articles/2014_python_2_3_key_diff.html)

[**https://www.codementor.io/python/tutorial/python-2-7-vs-python-3-4**](https://www.codementor.io/python/tutorial/python-2-7-vs-python-3-4)

**Eclipse Settings**

**windows🡪preferences**

**or help->install new software**

**click on ADD**

**window : Name : enter as Python 2**

**search pydev download in google**

**put this location** [**http://pydev.org/updates**](http://pydev.org/updates)

[http://update-production-pydev.s3.amazonaws.com/pydev/updates](http://update-production-pydev.s3.amazonaws.com/pydev/updates/site.xml)

**More Info at:** **http://www.pydev.org/download.html**

**then preferences**

**interpreter**

**selete c:\python\python.exe**

Anaconda Software:

Execute the command:

C:/jupyter notebook

**Assignments to do:**

1. Create a text file “urls.txt” and store a big list of URL’s. Write a program to match simple Web domain names that begin with "www." and end with a ".com" suffix, e.g., http://www.yahoo.com.

Solve the solutions in a folder: **Assignments\Day11**

**Assignments\Day11 --🡪**

**Q1.py**