3.3 Python Tuples:

Tuple is a collection of python objects much like a list. Tuple elements can be of any type. Tuples are immutable.

3.3.1 Creating a Tuple:

In python tuples are created by placing a sequence of values separated by 'comma' with or without the use of paranthesis for grouping the data.

Note:

Creation of tuple with the help/use of parenthesis is called Tuple Packing.

Example:

See 01_Creating Tuple.ipynb

3.3.2 Acessing Tuples:

Tuples The elements are immutable are accessed

via unpacking or indexing. In unpacking of tuple number of variable on L.H.S should = number of value in given tuples.

Example: See 02 - Accessing Tuple.ipynb

3.3.3: Con catinating Tuple:

It is the process of joining two or more tuples. Concatenation is done by the use of '+' operator. Only the same data types can be combined with concatenation otherwise an error will arise.

Example:
See 03 - Concatenating Tuples.ipynb

3.3.4: Tuple slicing:

Slicing of tuple is done to fetch a specific range or slice of sub-elements from a tuple. Negative increment values are used to reverse the sequence of tuples.

Example:

see 04_Slicing

3.3.5 Deleting Tuple:

Tuples are immutable and hence they do not allow deletion of part of it and whole tuple gets deleted.

3.4

Example:

See 05_Deleting of Tuple.ipynb