EdYoda Digital University

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Batch-DS250322

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Day 13-20 April Tuple , Lists and Dictionaries

- List
- List Functions
- Dictionaries
- Tuples
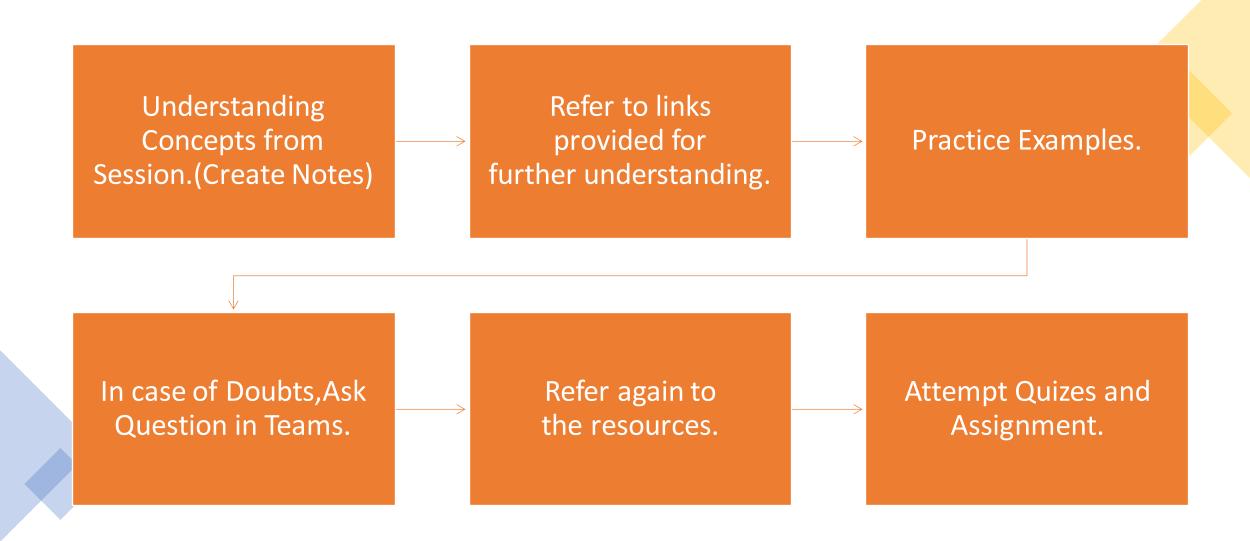- Tuples Builtin Functions

Lists

- **Lists** are just like dynamically sized arrays, declared in other languages (vector in C++ and ArrayList in Java).
- Lists need not be homogeneous always which makes it the most powerful tool in Python.
- A single list may contain DataTypes like Integers, Strings, as well as Objects.
- Lists are mutable, and hence, they can be altered even after their creation.
- List in Python are ordered and have a definite count.
- The elements in a list are indexed according to a definite sequence and the indexing of a list is done with 0 being the first index.

Dictionary

- **Dictionary** in Python is an unordered collection of data values, used to store data values like a map, which, unlike other Data Types that hold only a single value as an element.

- Dictionary holds **key:value** pair. Key-value is provided in the dictionary to make it more optimized.

Approach to learning Python

Understanding Concepts from Session.(Create Notes)	Refer to links provided for further understanding.	Practice Examples.
In case of Doubts,Ask Question in Teams.	Refer again to the resources.	Attempt Quizes and Assignment.

Anyone ??