EdYoda Digital University

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Batch-DS250322

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Day 17-25 April Function

- About Functions
- Function Syntax and it's usage
- Local,Global and Builtin Namespace
- Argument Passing Techniques
- Quiz Discussion
- Assignment Discussion

Python Functions

- **Python Functions** is a block of related statements designed to perform a computational, logical, or evaluative task.
- The idea is to put some commonly or repeatedly done tasks together and make a function so that instead of writing the same code again and again for different inputs.
- We can do the function calls to reuse code contained in it over and over again.
- Functions can be both built-in or user-defined. It helps the program to be concise, non-repetitive, and organized.

Python Functions

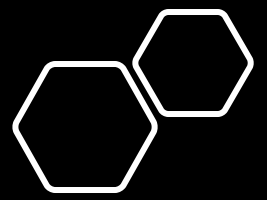
- One important thing to note is, in Python every variable name is a reference.
- When we pass a variable to a function, a new reference to the object is created. Parameter passing in Python is the same as reference passing in Java.

Python Function within Functions

- A function that is defined inside another function is known as the inner function or nested function.
- Nested functions are able to access variables of the enclosing scope. Inner functions are used so that they can be protected from everything happening outside the function.

What is Name in Python?

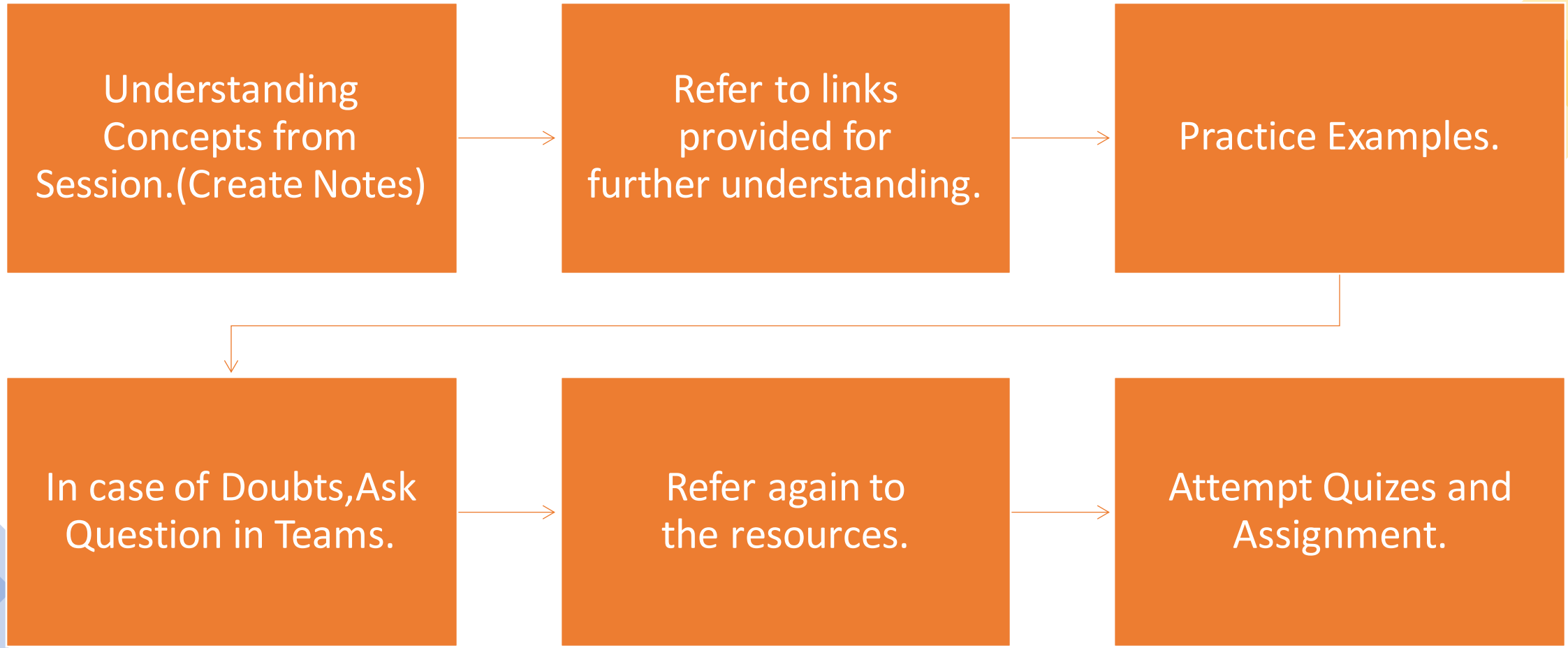
- Name (also called identifier) is simply a name given to objects.
- Everything in Python is an object. Name is a way to access the underlying object.



Namespace


Built-in Namespace
Module: Global Namespace
Function: Local Namespace

Approach to learning Python



Anyone ??