

EdYoda Digital University

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Batch-DS250322

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Modules and Packages - 1

- Functions
- Name and Namespace
- What are Modules
- What are Packages
- Modules in Detail
- Packages in Detail



Modules

- **Module:** The **module** is a simple Python file that contains collections of functions and global variables and with having a `.py` extension file.
- It is an executable file and to organize all the modules we have the concept called Package in Python.

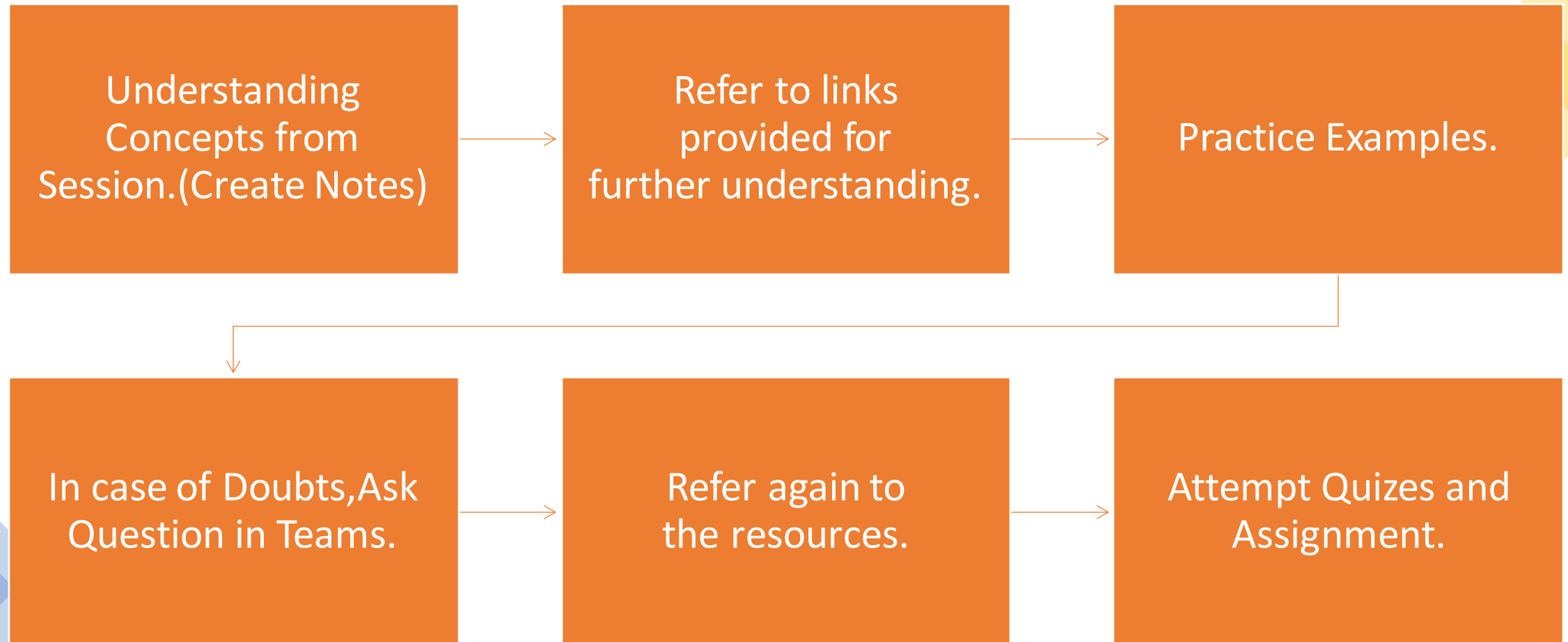
Package

- **Package:** The **package** is a simple directory having collections of modules. This directory contains Python modules and also having `__init__.py` file by which the interpreter interprets it as a Package.
- The package is simply a namespace. The package also contains sub-packages inside it.
- **Example:**
 - Student(Package)
 - | `__init__.py` (Constructor)
 - | `details.py` (Module)
 - | `marks.py` (Module)
 - | `collegeDetails.py` (Module)

Library

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Approach to learning Python



Anyone ??

