

# EdYoda Digital University

**Python-21 March 2022**

Batch-DS250322

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A large orange circle is positioned on the left side of the slide, partially cut off by the edge.

Day 19-20-27-  
28 April  
File handling

## 1. File Handling



# Introduction

- Python too supports file handling and allows users to handle files i.e., to read and write files, along with many other file handling options, to operate on files.
- The concept of file handling has stretched over various other languages, but the implementation is either complicated or lengthy, but like other concepts of Python, this concept here is also easy and short.
- Python treats file differently as text or binary and this is important.
- Each line of code includes a sequence of characters and they form text file.

# Open Function

```
f = open(filename, mode)
```

Where the following mode is supported:

- **r**: open an existing file for a read operation.
- **w**: open an existing file for a write operation. If the file already contains some data then it will be overridden.
- **a**: open an existing file for append operation. It won't override existing data.
- **r+**: To read and write data into the file. The previous data in the file will not be deleted.
- **w+**: To write and read data. It will override existing data.
- **a+**: To append and read data from the file. It won't override existing data.

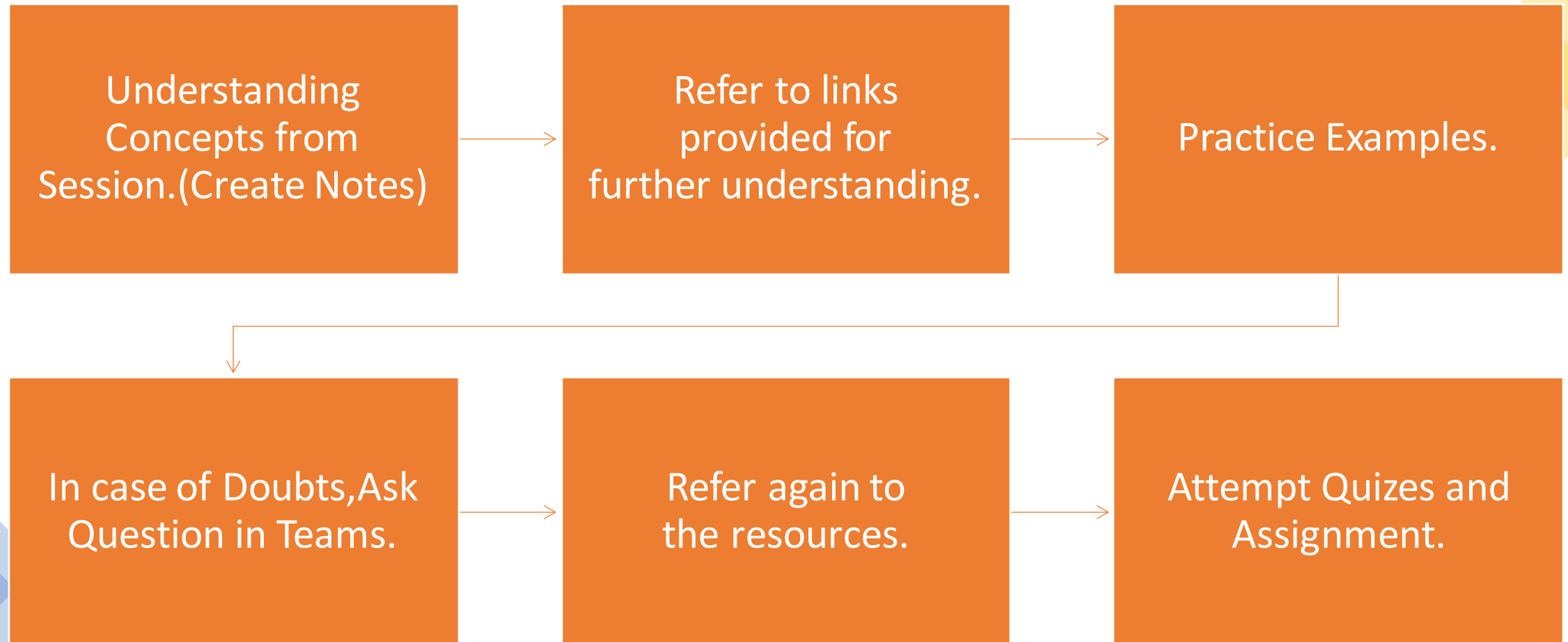
The open command will open the file in the read mode and the for loop will print each line present in the file

# Read Function

- There is more than one way to read a file in Python.
- If you need to extract a string that contains all characters in the file then we can use **file.read()**



# Approach to learning Python



Anyone ??

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