

# *Exception Handling*



## Python Scripting for Automation

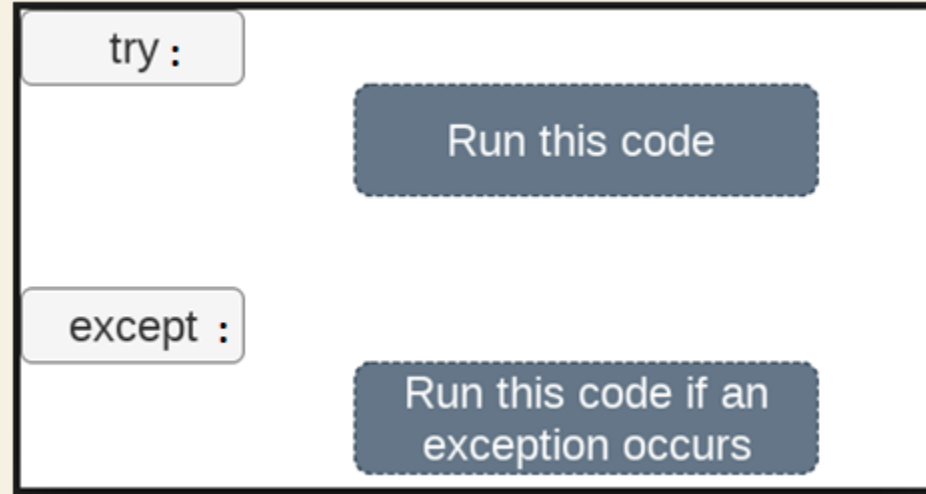
*(Automate your repetitive tasks with python scripting)*

## Exception Handling:

- A Python program terminates as soon as it encounters an error.
- Error can be a syntax error or an exception.
- Syntax errors are nothing but incorrect statements.
- (No way to handle syntax errors)
- An exception is an error that happens during execution of a program. So exceptions are runtime errors.
- When runtime error occurs then python generates an exception that can be handled, which avoids our program/script to terminate or crash.
- When to use Exception handling:
  - *When you think that you have a code which can produce an error then you can use exception handling.*

## How to handle Exceptions?

- Exceptions can be handled using try and except statement.
- Syntax:



## Exceptions Examples:

- IndexError
- ZeroDivisionError
- ImportError
- ValueError
- TypeError
- NameError
- FileNotFoundError
- IOError

**Thank you**