

# Exceptions

An **exception** is an event, which occurs during the execution of a program that disrupts the normal flow of the program's instructions. In general, when a **Python** script encounters a situation that it cannot cope with, it raises an **exception**. An **exception** is a **Python** object that represents an error.

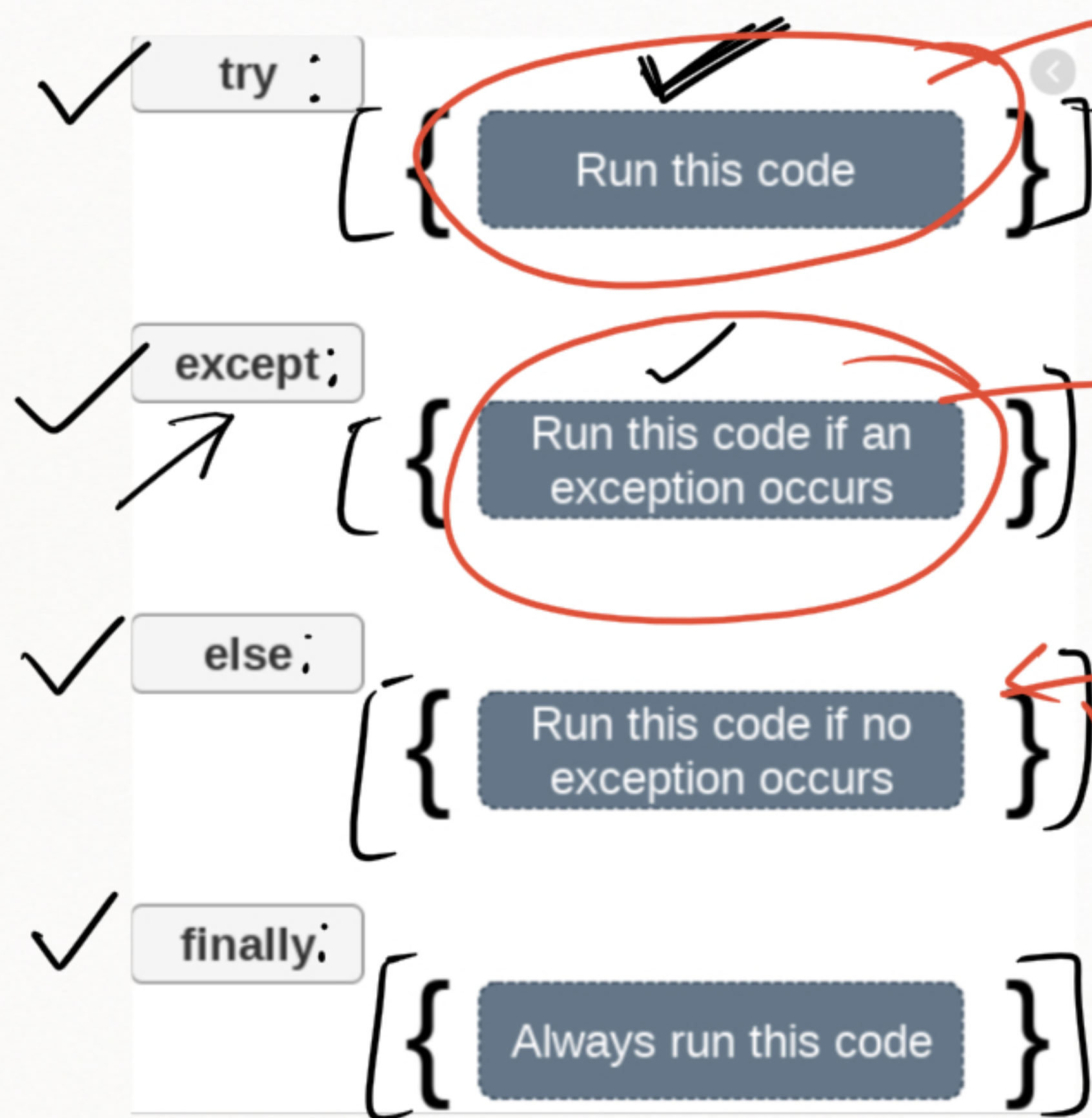
examples =>  $5/0 \rightarrow \text{ZeroDivisionError}$

=> When you go beyond the size of iterator  $\rightarrow \text{StopIterationError}$

=>  $l = [0, 1]$   
 $l[2]$   $\rightarrow \text{ListIndexOutOfRange}$



Handling or Doing some Once there Exception occur is known as exception handling.



Main Code where Exception can occur.

Run only if there is an exception in the try block.

if No Exception.