Programming

Class 14 - Erros & asserts

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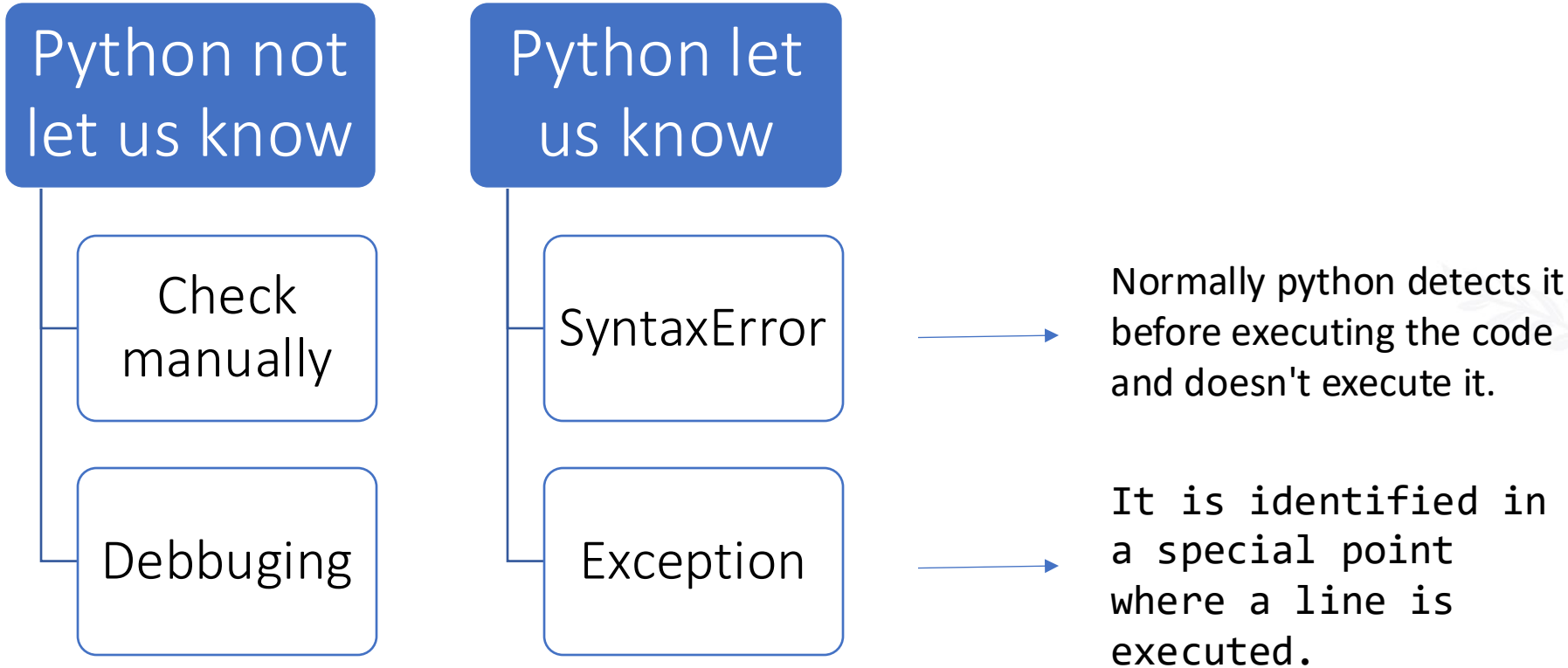
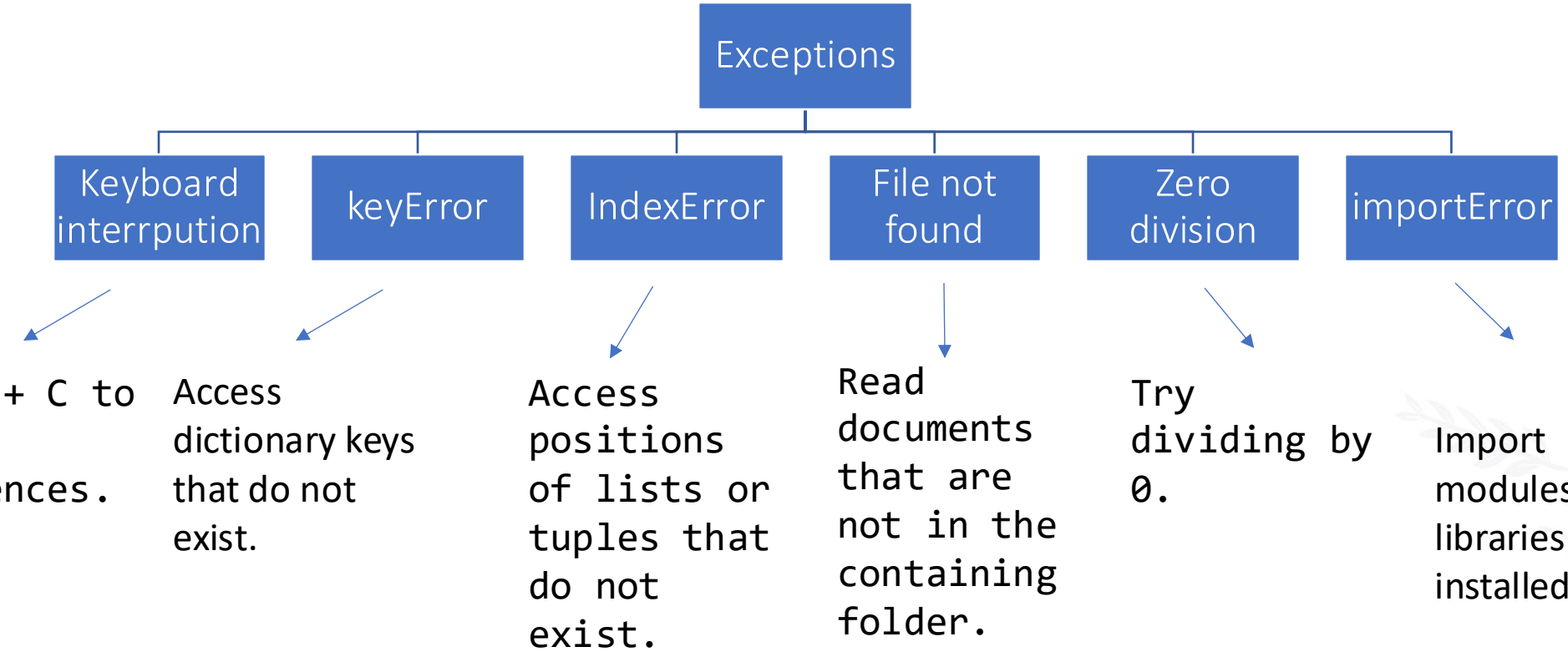
Error handler

Errors


Python not let us know
Check manually
Debbuging
Python let us know
SyntaxError
Exception
Normally python detects it before executing the code and doesn't execute it.
It is identified in a special point where a line is executed.



*There are mor than 50! These ones are just an example

Traceback

```
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ZeroDivisionError: division by zero
```

Exceptions

Key word: raise, try, except y finally

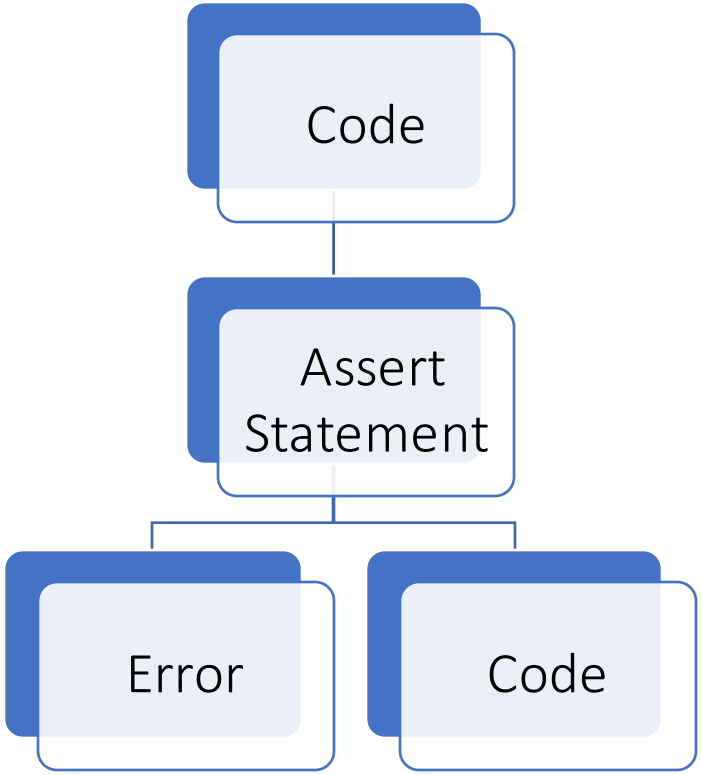
Try y except. Traduce intentar a menos que! Ver ejemplo.

Raise es elevar un tipo de error determinado a otro.

Fanally su función es hacer algo si sucede un erorr Ó no. Útil en manipulación de archivos o conexión a bases de datos.

Asserts

Assert Statement



It is an elegant way to handle errors in python.

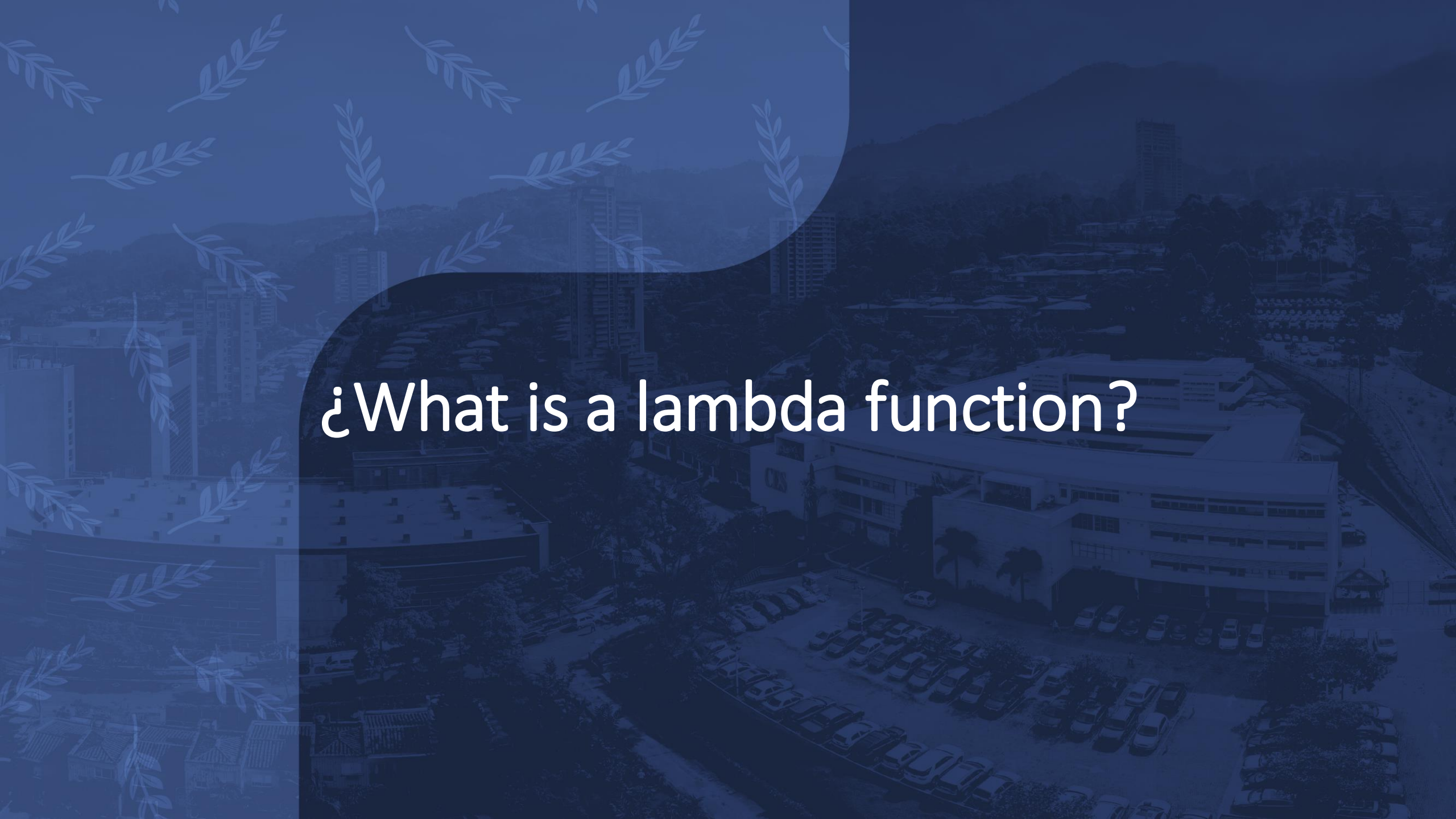
If the statement is true, the error is executed.

If not, continue with the code. It is similar to a conditional

Syntaxis:

assert condition, error message

¿What is a lambda function?



Lambda – Anonymous functions

They are unnamed functions, small and simple expressions to execute a particular action.

What is lambda? It is a python flag to tell the computer to create an anonymous function.

Syntaxis

Lambda inputs: expressions

Lambda – Anonymous functions

To instantiate anonymous functions or lambda functions let's build a function that identifies when a word written forwards and backwards reads the same.

*See concept of palindrome

Conditionals

Cycles

Functions

List comprehension

Exceptions

Thank you

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