

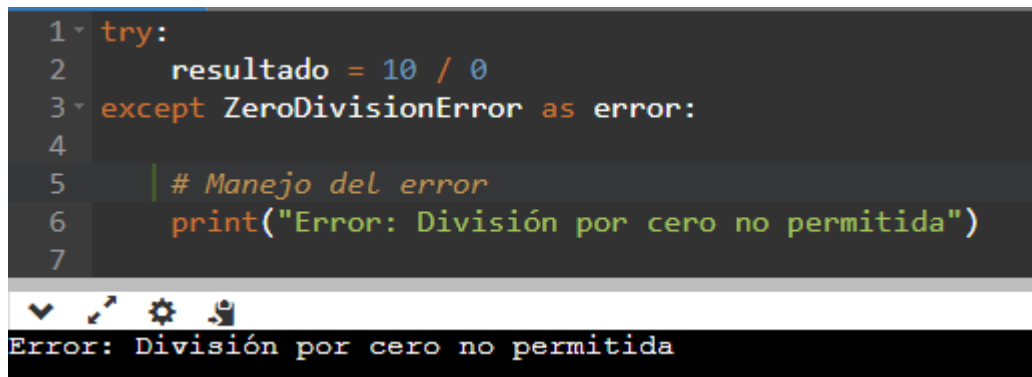
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# PYTHON ZEN PRINCIPLES

## 1 ERRORS SHOULD NEVER HAPPEN SILENTLY

One of the 20 principles of Zen of Python is: "ERRORS SHOULD NEVER HAPPEN SILENTLY", which is developed when working under pressure and encountering errors that tend to be hidden or taken too drastic measures. As we will see in the following example

```
1 try:
2     resultado = 10 / 0
3 except ZeroDivisionError as error:
4
5     # Manejo del error
6     print("Error: División por cero no permitida")
7
```

The image shows a code editor window with a dark background. The code is written in Python and demonstrates error handling. It uses a try-except block to catch a ZeroDivisionError. The except block contains a comment in Spanish and a print statement that outputs a custom error message. Below the code editor, a terminal window shows the output of the program, which is the custom error message: "Error: División por cero no permitida".

Error: División por cero no permitida

In this example, the try block is used to wrap code that may fail. If an error occurs during the execution of this code, Python looks for an except block that matches that type of error. If it finds one, it runs the code inside that except block to handle the error. In this case, we catch the "ZeroDivisionError" error and display a custom message.