![CodeHS]

Errors in Python

Corresponding Material

Functions and Exceptions, Lesson 5: Exceptions

Discussion

We use try...except to catch errors in Python and handle them based on their type. We have looked at the *ZeroDivisionError* and *ValueError* so far but more error types exist, some which we have seen at other times in the course and some we have not yet encountered. In this activity, we'll do some research on these additional error types.

Exercise

A list of error types are shown below. Fill in the information about when this error occurs and some example lines of code that would throw this error. If you're not sure, do some trial and error in your Sandbox! (A good starting place could be this article: https://www.tutorialsteacher.com/python/error-types-in-python)

	Name of Error	When does this error occur?	Example
1	SyntaxError/ ParseError		
2	UnboundLocalError		
2	TypeError		

3	ValueError		
4	NameError		
5	ZeroDivisionError		
6	IndexError (Fill this one in after you complete lesson 7.1)		

Conclusion Questions

1. Why do you think more than one error type exists?

2. Are there any error types that don't exist that you think should?