

Python 3.7.6 (default, Jan 8 2020, 13:42:34)  
Type "copyright", "credits" or "license" for more information.

IPython 7.12.0 -- An enhanced Interactive Python.

Restarting kernel...

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In [1]: #get a divide by zero error

In [2]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 0  
Please enter a non-zero denominator.

Enter a denominator: 4  
2.0 / 4 = 0.5  
Phew! Finally reached the finally block.

In [3]: #get a different arithmetic error

In [4]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 8E+1000000000  
Whoa there, your numbers caused an arithmetic error. Let's try again.

Enter a numerator: 2

Enter a denominator: 4  
2 / 4 = 0.5  
Phew! Finally reached the finally block.

In [5]: #get a file not found error

In [6]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 4  
2.0 / 4 = 0.5

Enter the name of a file: foo.txt  
Hmm, couldn't find that file. Let's try again.

Enter the name of a file: inClassAssign10output.txt  
Phew! Finally reached the finally block.

In [7]: #get a different IO error

In [8]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 4  
2.0 / 4 = 0.5

Enter the name of a file: inClassAssign10output.txt

Enter where you'd like to write a file: /Users/shannon/  
There was a problem with one of your files.  
Phew! Finally reached the finally block.

In [9]: #get a value error

In [10]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: a  
Please make sure to enter a numeric value.

Enter a numerator: 2

Enter a denominator: 4  
2 / 4 = 0.5  
Phew! Finally reached the finally block.

In [11]: #get a type error

In [12]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 4  
2.0 / 4 = 0.5

Enter the name of a file: inClassAssign10output.txt

Enter where you'd like to write a file: mod30output.txt  
Oops. TypeError encountered. Continuing with remaining execution.  
Phew! Finally reached the finally block.

In [13]: #get a different error not handled in any except statements

In [14]: runcell(0, '/Users/shannon/Documents/UVA/uva-msds/cs5010-prog-sys/mod3-exceptions.py')

Enter a numerator: 2

Enter a denominator: 4  
2.0 / 4 = 0.5

Enter the name of a file: inClassAssign10output.txt

Enter where you'd like to write a file: test\_out.txt  
Write file

Enter a golfer's name: Jordan Spieth  
Uh-oh. You've reached an error this program hasn't handled. You might need to fix the code.  
Phew! Finally reached the finally block.

In [15]: