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### Assignment - Using exceptions
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#!/usr/bin/env python3
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#####
# Exceptional program
# A truly exceptional program that throws exceptions at every turn.
#
# Date: 2/21/21
#####
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#####
# Function: read_something
# Input: filename
# TODO - fix when unsuccessfully tries to open a file that doesn't exist
#####
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```
def read_something(filename):
    try: # try reading file
        with open(filename) as file:
            read_data = file.read()
    except: # throwing exception for file not found.
        print('[Error] Oops. File not found, ignoring file read')
```

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#####
# Function: checkit
# Input: an exceptional number
# TODO - fix does nothing with its input but throw an exception
#####
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```
def checkit(threshold):
    try: # try conditional statement
        x = 42
        if x > 5:
            raise Exception('x should not exceed 5. The value of x was: {}'.format(x))
    except: # throwing exception for value
        print('[Error] Hmmm, value exceeded! Value not printed')
```

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#####
# Function: calculate_something
# Input: none
# TODO - fix prints result in ZeroDivision error
#####
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```
def calculate_something():
    try: # try below print
        print(0/0)
    except: # throwing exception for divide by zero
        print('[Error] Argh, found a divide by zero error. Skipping...')
```

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#####
# Function: main
# Output: Demonstrates draw_wordcloud, save_wordcloudfile and view_wordcloudfile
#   output is written to "outfile.png" in directory it was run
#   displays popup on screen and windows should be closed to continue
#####
def main():
    print("[Exceptional] A Truly Exceptional Module")
    read_something("myfile.txt")
    checkit(15)
    calculate_something()
    print("[Exceptional] Successfully (?) completed!")

if __name__ == "__main__":
    main()
```