Python course materials

# Errors and Exceptions Homework

### Problem 1

Handle the exception thrown by the code below by using try and except blocks.

for i in ['a','b','c']:  
 print(i\*\*2)

---------------------------------------------------------------------------  
  
TypeError Traceback (most recent call last)  
  
<ipython-input-1-c35f41ad7311> in <module>()  
 1 for i in ['a','b','c']:  
----> 2 print(i\*\*2)  
  
  
TypeError: unsupported operand type(s) for \*\* or pow(): 'str' and 'int'

### Problem 2

Handle the exception thrown by the code below by using try and except blocks. Then use a finally block to print ‘All Done.’

x = 5  
y = 0  
  
z = x/y

---------------------------------------------------------------------------  
  
ZeroDivisionError Traceback (most recent call last)  
  
<ipython-input-2-6f985c4c80dd> in <module>()  
 2 y = 0  
 3   
----> 4 z = x/y  
  
  
ZeroDivisionError: division by zero

### Problem 3

Write a function that asks for an integer and prints the square of it. Use a while loop with a try, except, else block to account for incorrect inputs.

def ask():  
 pass

ask()

Input an integer: null  
An error occurred! Please try again!  
Input an integer: 2  
Thank you, your number squared is: 4

# Great Job!