

Errors and Exceptions Homework -

Problem 1

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

```
In [1]: for i in ['a','b','c']:  
        print i**2
```

```
-----  
TypeError                                Traceback (most recent call last)  
<ipython-input-1-908335551eea> 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.'

```
In [2]: x = 5  
        y = 0  
  
        z = x/y
```

```
-----  
ZeroDivisionError                        Traceback (most recent call last)  
<ipython-input-2-3effb78be709> in <module>()  
      2 y = 0  
      3  
----> 4 z = x/y
```

```
ZeroDivisionError: integer division or modulo 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.

```
In [24]: def ask():  
         pass()
```

In [25]: ask()

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

Great Job!