Errors and Exceptions Homework - Solution

Problem 1

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

In [1]:
```
try:
    for i in ['a','b','c']:
        print(i**2)
except:
    print("An error occurred!")
```

```
An error occurred!
```

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
try:
    z = x/y
except ZeroDivisionError:
    print("Can't divide by Zero!")
finally:
    print('All Done!')
```

```
Can't divide by Zero!
All Done!
```

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 [3]:
```
def ask():

    while True:
        try:
            n = int(input('Input an integer: '))
        except:
            print('An error occurred! Please try again!')
            continue
        else:
            break


    print('Thank you, your number squared is: ',n**2)
```

In [4]:
```
ask()
```

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

Great Job!