

Pykidz!

A 'Kideveloper' initiative

Exceptions & their handling

I do I learn!

Errors in Python

Syntax Error vs Exceptions

Syntax Error

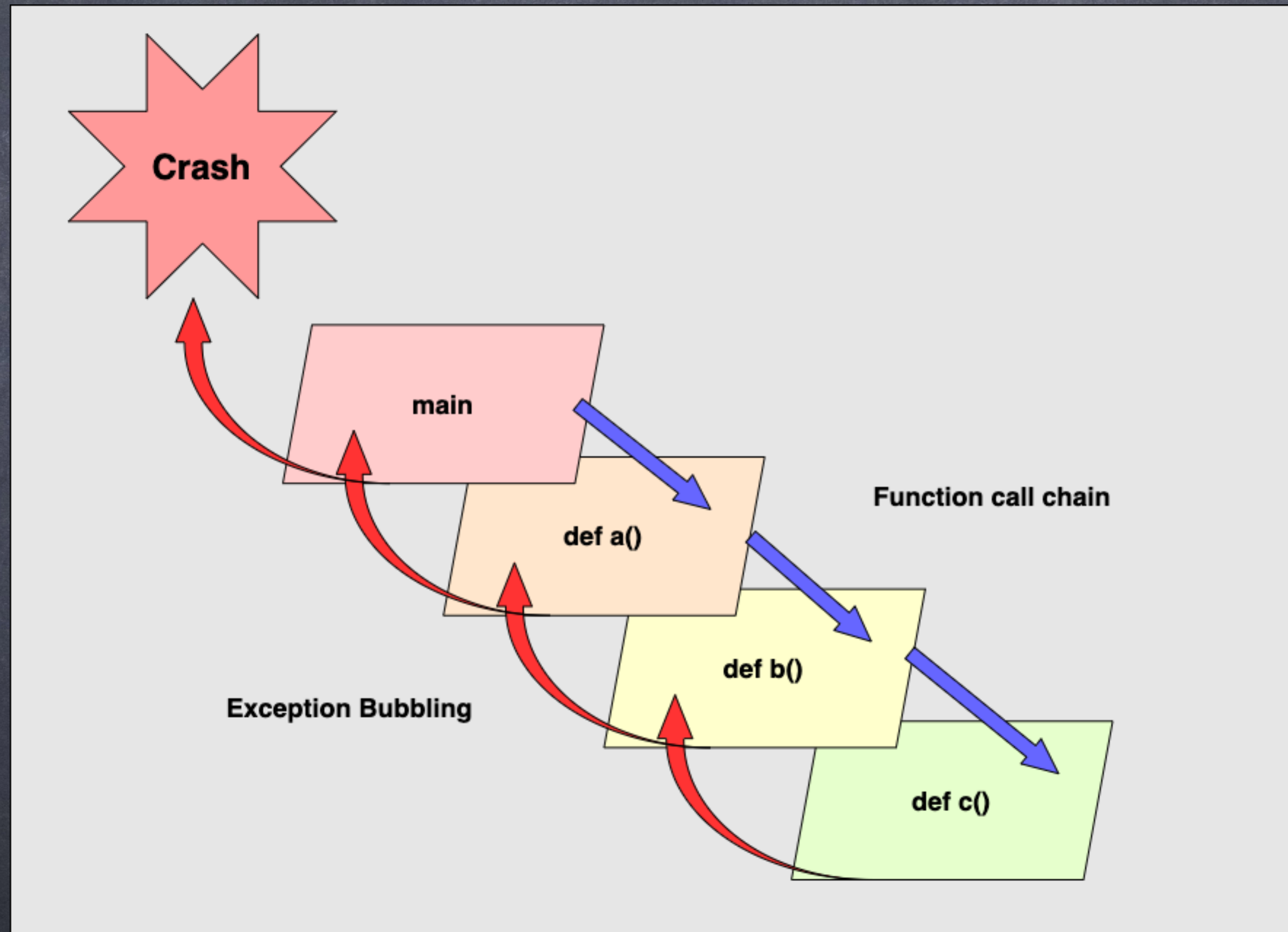
```
>>> print("abc"))
```

```
# Syntax Error: unmatched ') ' (<input>, line 1)
```


Exception

```
>>> print(0/0)
```


Exception bubbling



'raise' an Exception

```
>>> raise Exception("I have been raised")
```


Exceptions documentation

- <https://docs.python.org/3.8/Library/exceptions.html>

Error Handling

The 'try except' block

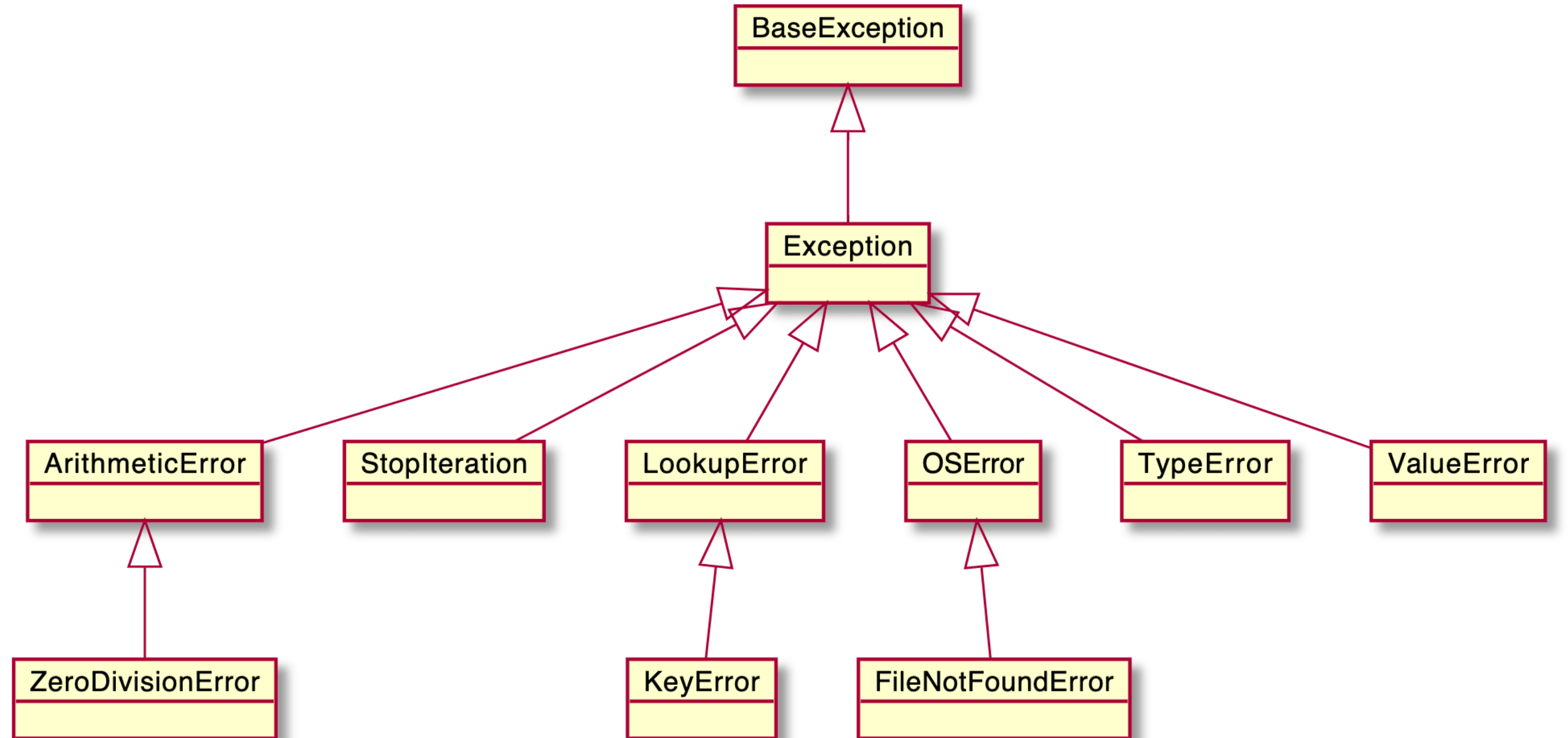
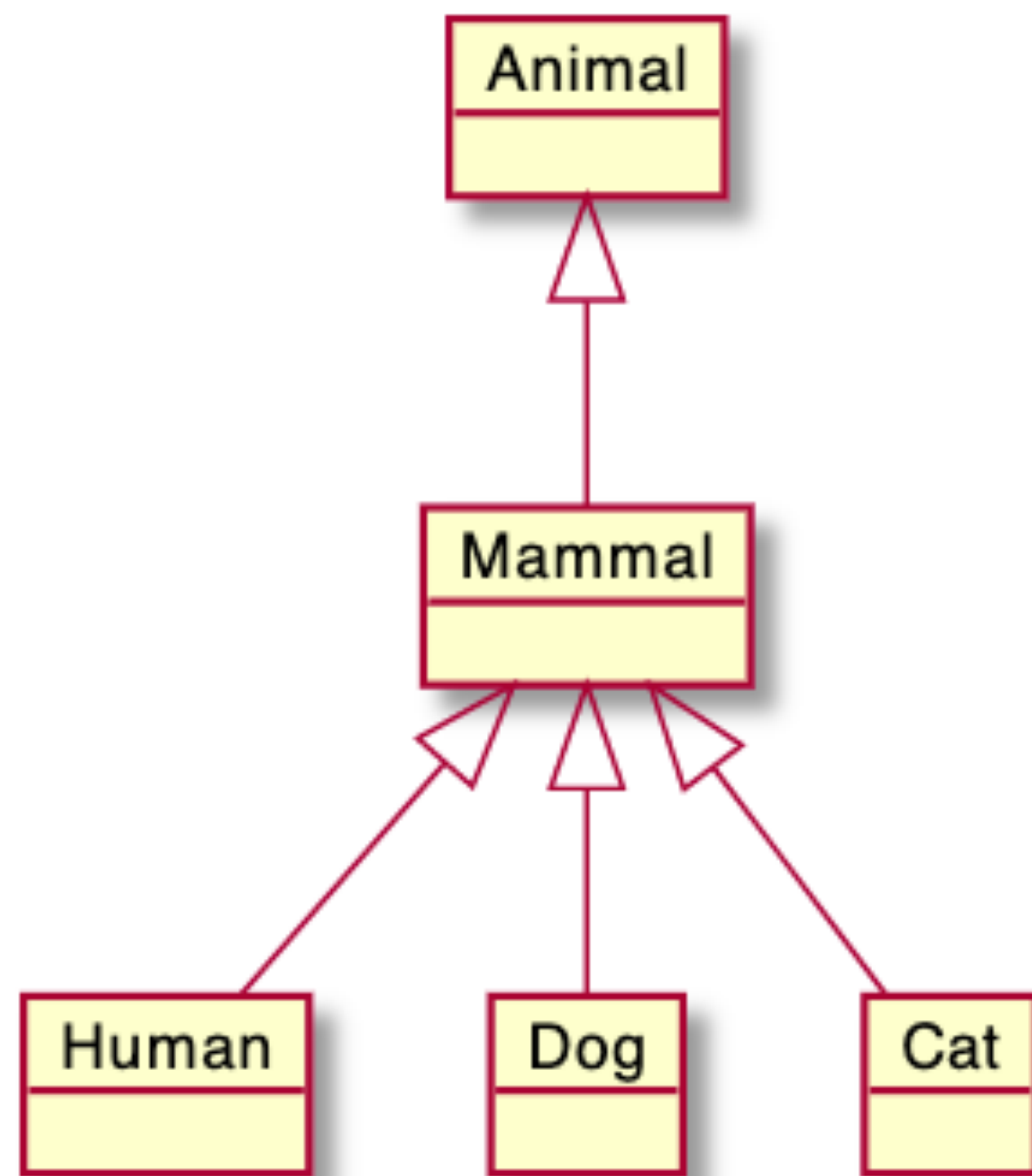
The biggest crime

Crime

```
try:  
    some_fantastic_work()  
except:  
    pass
```


The 'try except' block again

A brief interlude



The 'finally' clause

Finally

Generally we **try** to do something which works **except** when something goes wrong. But **finally** we do things that always need to get done.

Conclusion

I do I learn!