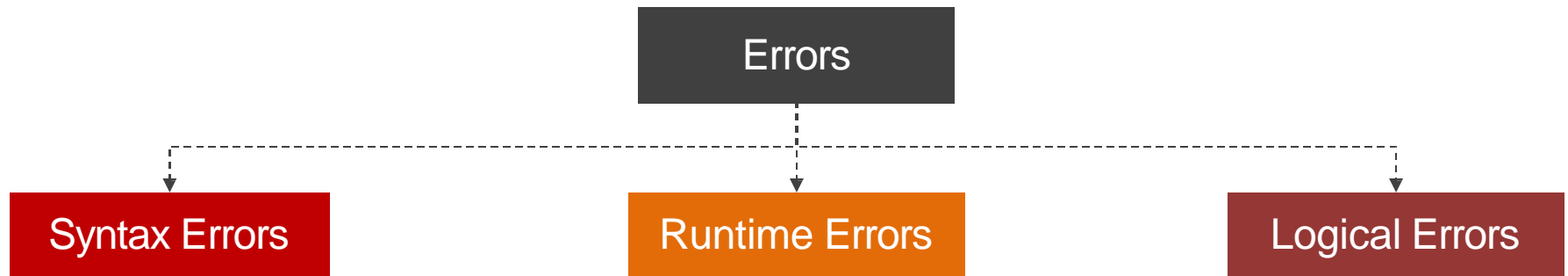
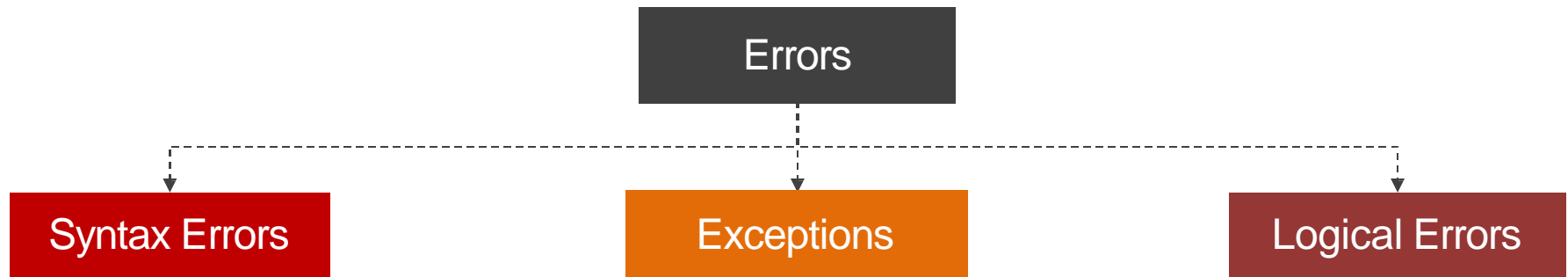


# Errors & Exceptions

Gotta catch 'em all







Errors that will show up if you doesn't follow Python Syntax Rules

```
print("You missed the closing round braces "
```

```
print("You missed the closing round braces "
```

^

```
SyntaxError: invalid syntax
```



Errors detected during execution are called **Exceptions**

```
print (firstname);
```

```
NameError: name 'firstname' is not defined
```



# Handling Exceptions

**try:** -----> Put the code that you want to handle its exceptions

`doTry()`

**except:** -----> Handle the exception if it raised in the try clause

`doExcept()`

**finally:** -----> Put the code that you want to run always if there is an exception or not.

`doFinally()`



# Handling Exceptions

```
try:
    for i in range(3):
        print(3/i)
except ValueError:
    print("Value Error")
except ZeroDivisionError:
    print("you divided by 0")
finally:
    print("this will print no matter what")
```

