

Argument

* args

Keyword argument

**kwargs

def add(a, b, *args, **kwargs)

:

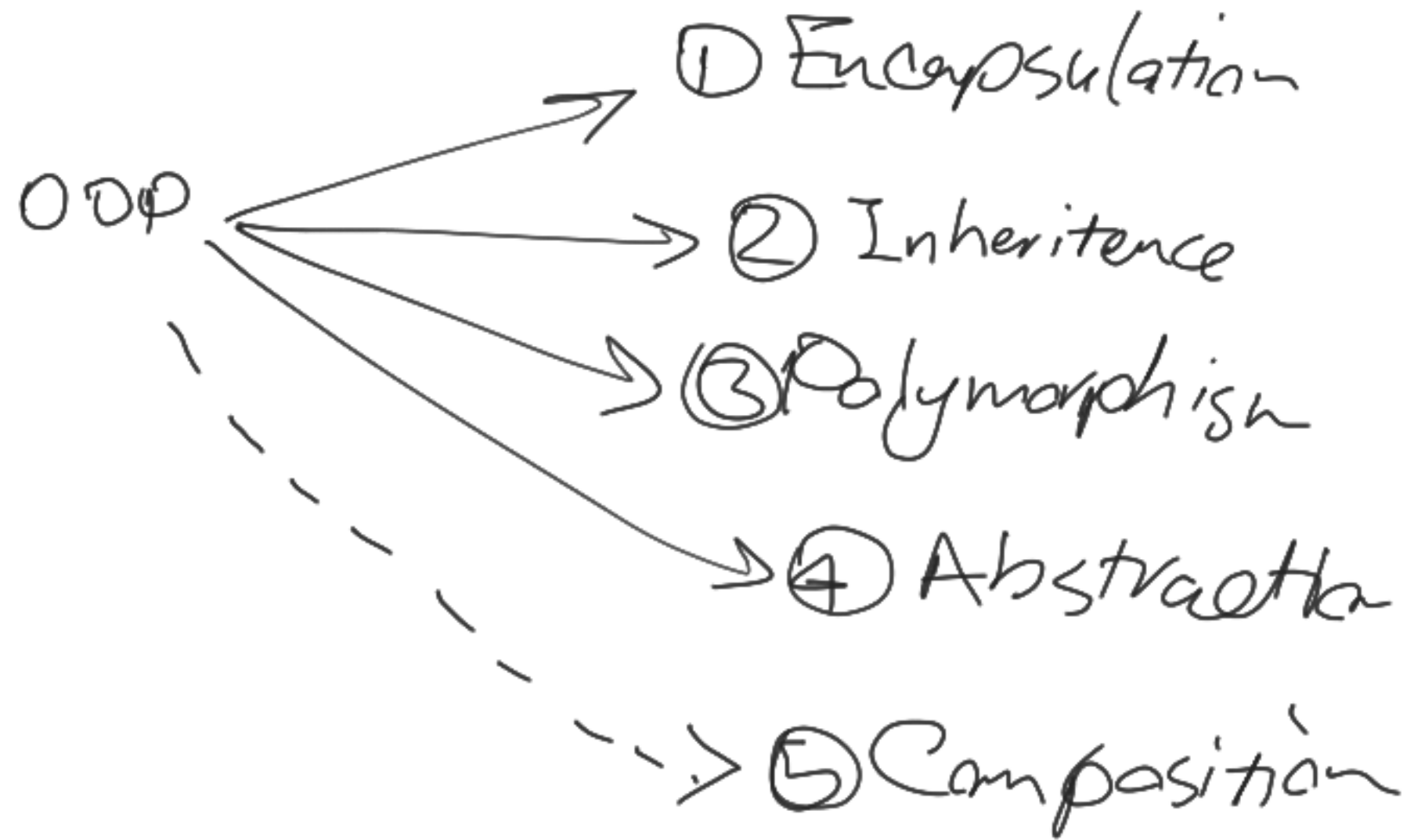
add(a=1, b=2, ...)

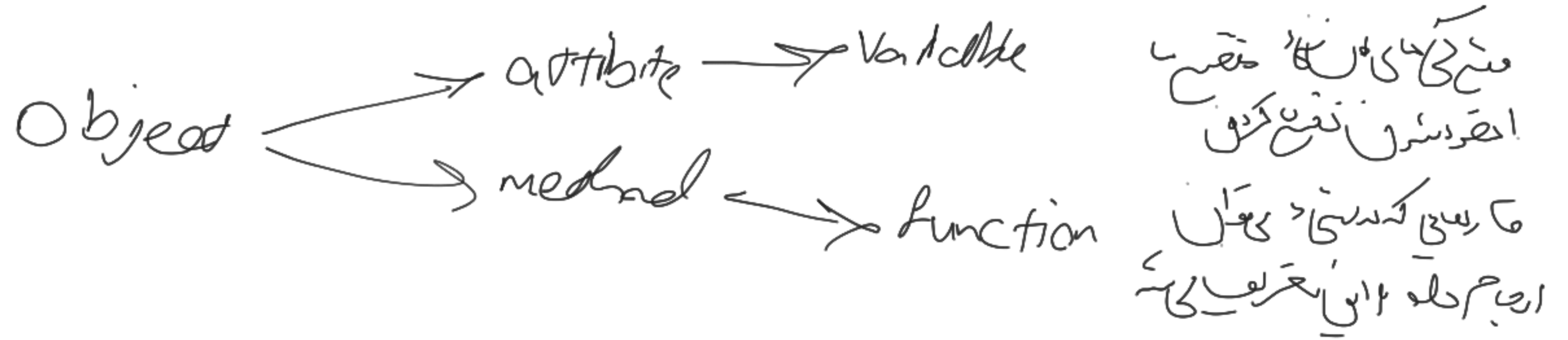
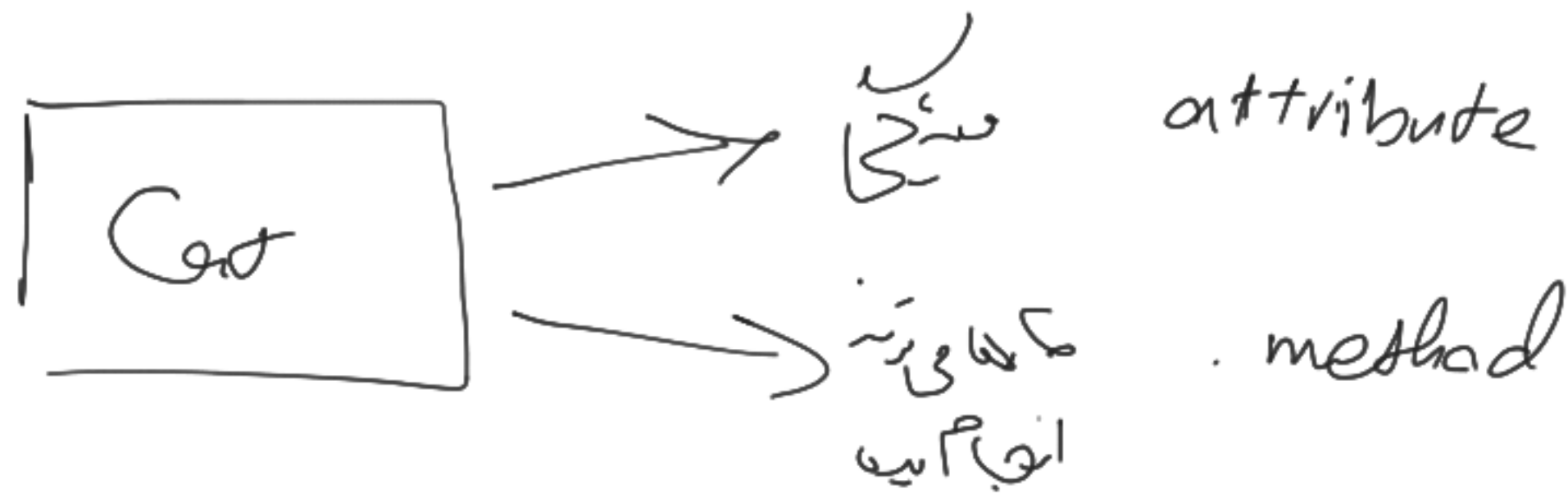
kwargs

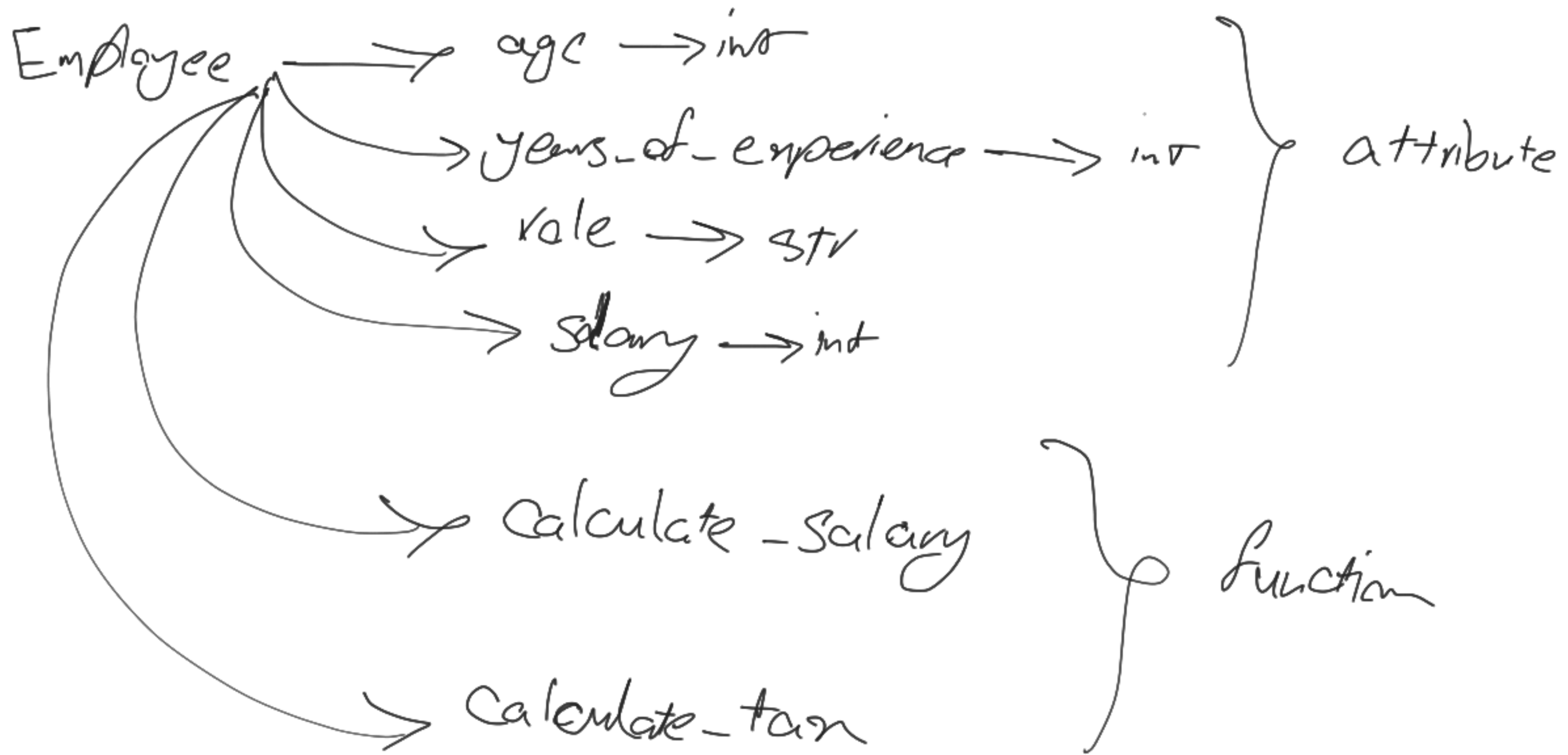
Object Oriented Programming (OOP) *

Exception Handling *

Module Package







Class

class Employee

Blueprint

موظفون



```
class Dog:  
    pass
```

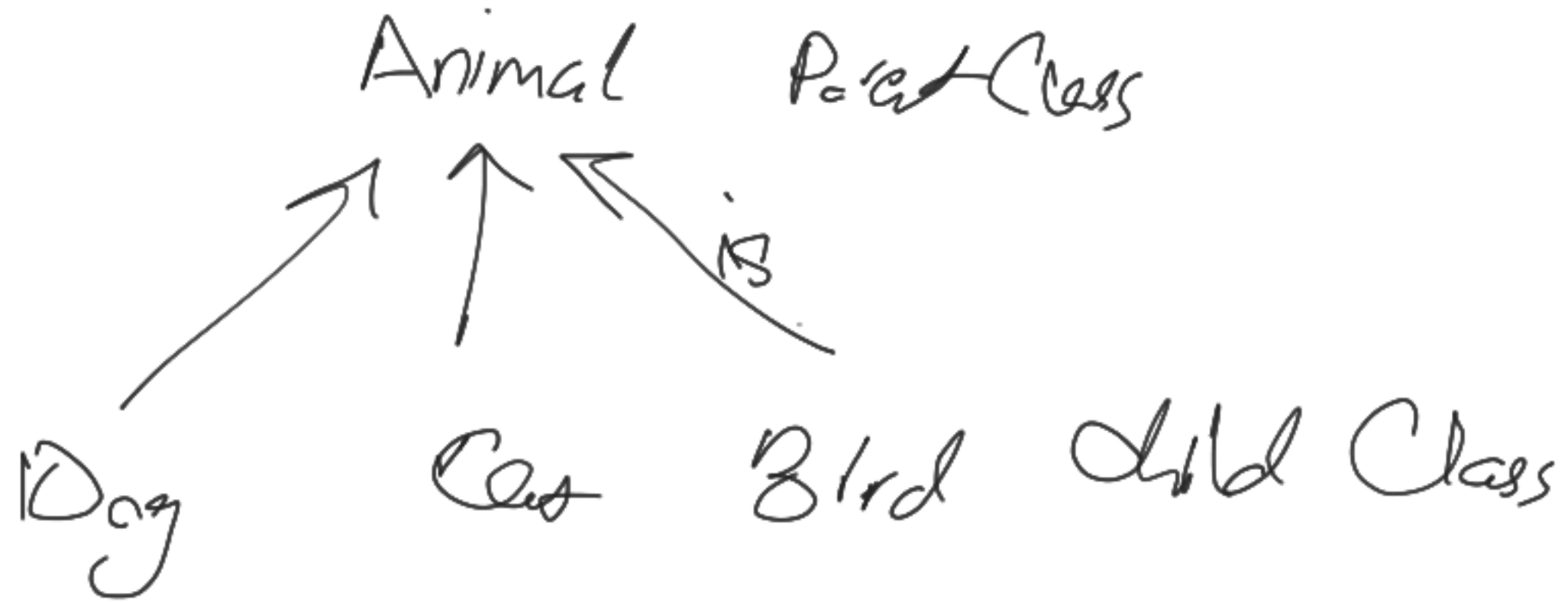
```
my_dog = Dog()
```

```
isinstance(obj, class_name)
```

```
= (my_dog, Dog) ~> True
```

class

Animal

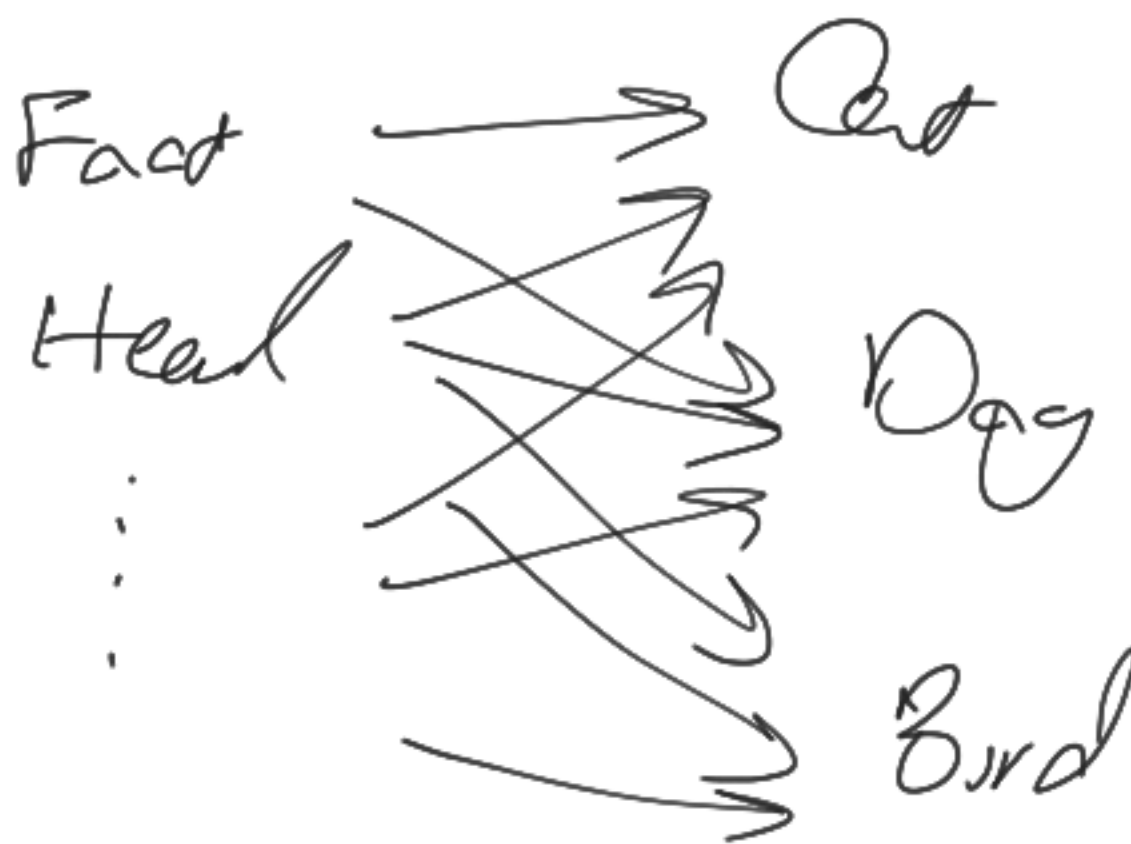


top to bottom

bottom to top



Inheritance

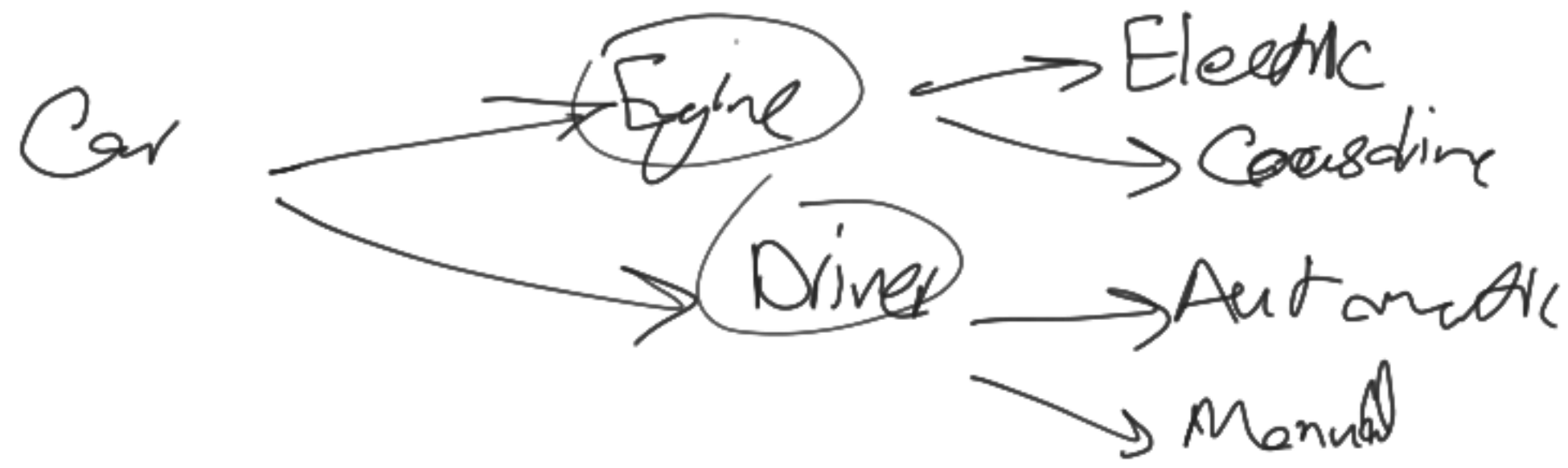


Composition

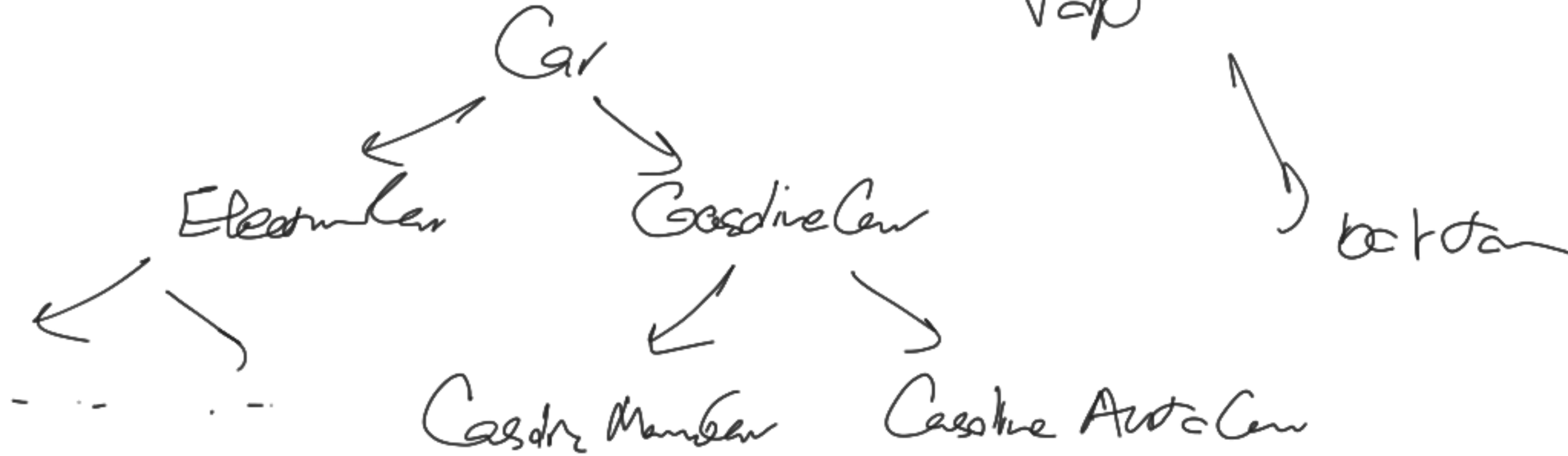
Favor Composition Over Inheritance

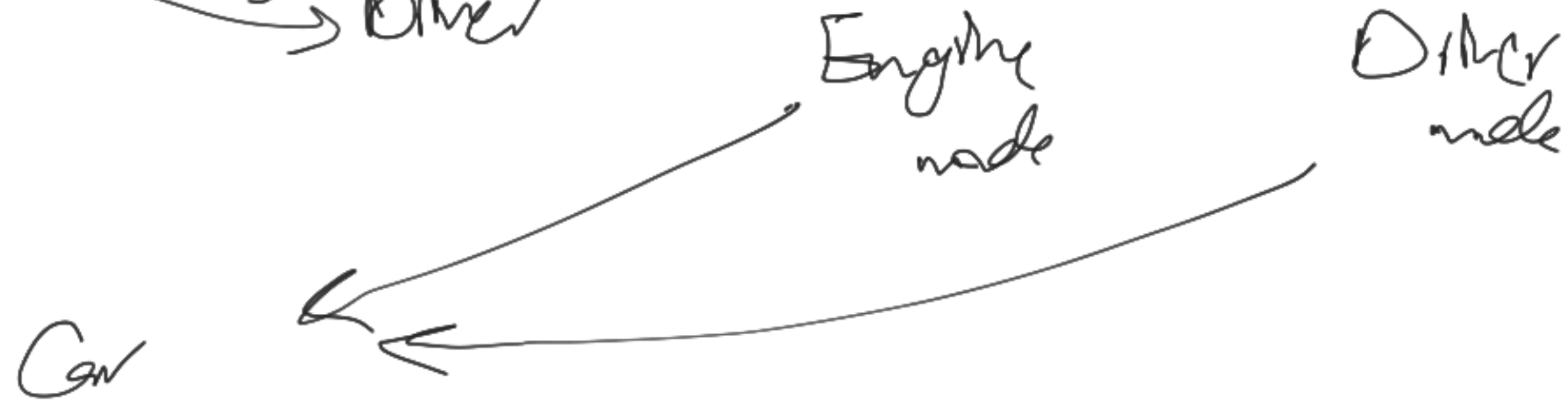
فادریه ← has فادریه

Cat has Head



top

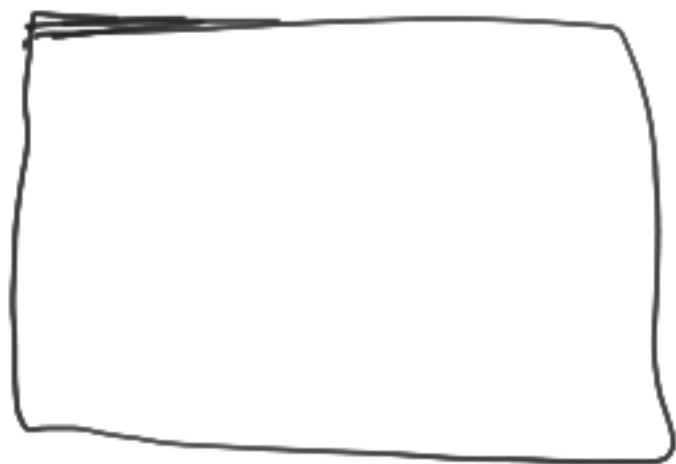




Exception Handling



try:



except TypeError as e:

print(e)

except KeyError as e:

pass

try:

except:

except:

:

else:

finally:

```
def connect_to_db()
```

```
try:
```

```
    connect_to_db()
```

```
except DBConnect: En
```