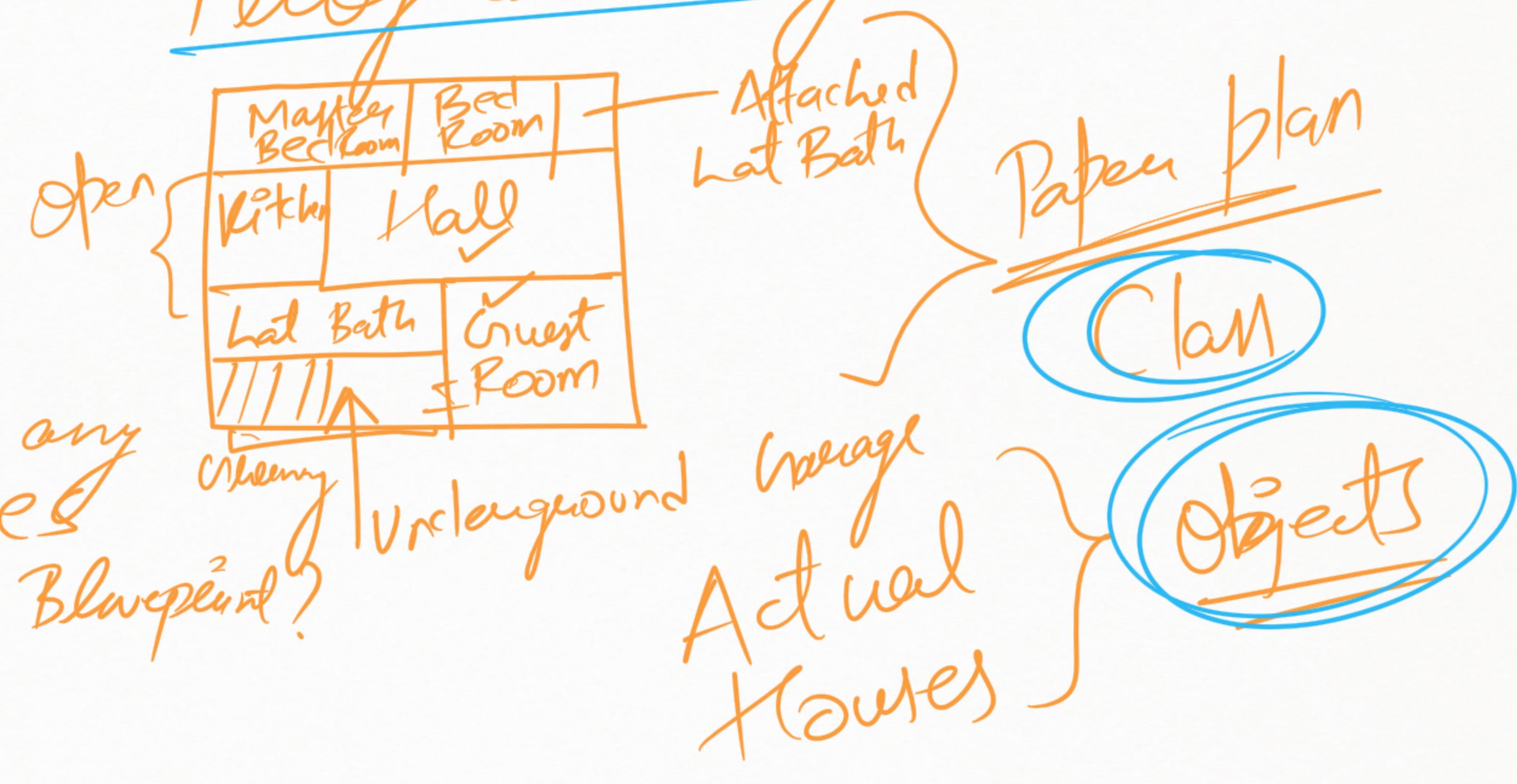


# Object Oriented Programming

# Class  
→ Structure  
→ Blueprint



→ Application Form

Q1) How many students can be registered with the similar form?  
⇒ As many as I want.

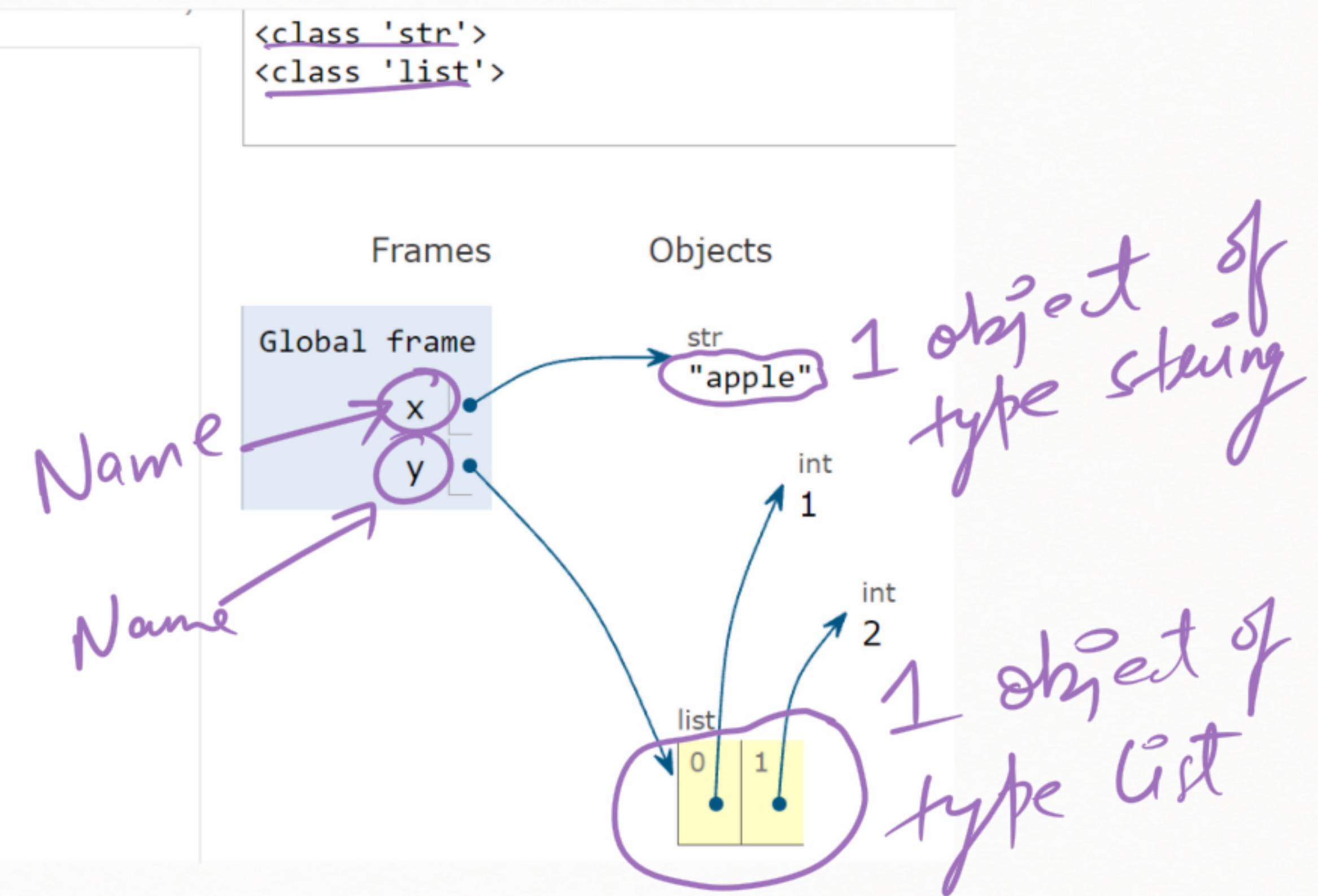
|               |       |
|---------------|-------|
| MII           |       |
| Name:         | _____ |
| Fathers Name: | _____ |
| Date          | _____ |
| DOB:          | _____ |
| Address:      | _____ |

Empty Form

Actual Students Forms with Data  
Objects.

Let's talk about some built-in  
classes like str

```
x = 'apple'  
print(type(x))  
y = [1,2]  
print(type(y))
```

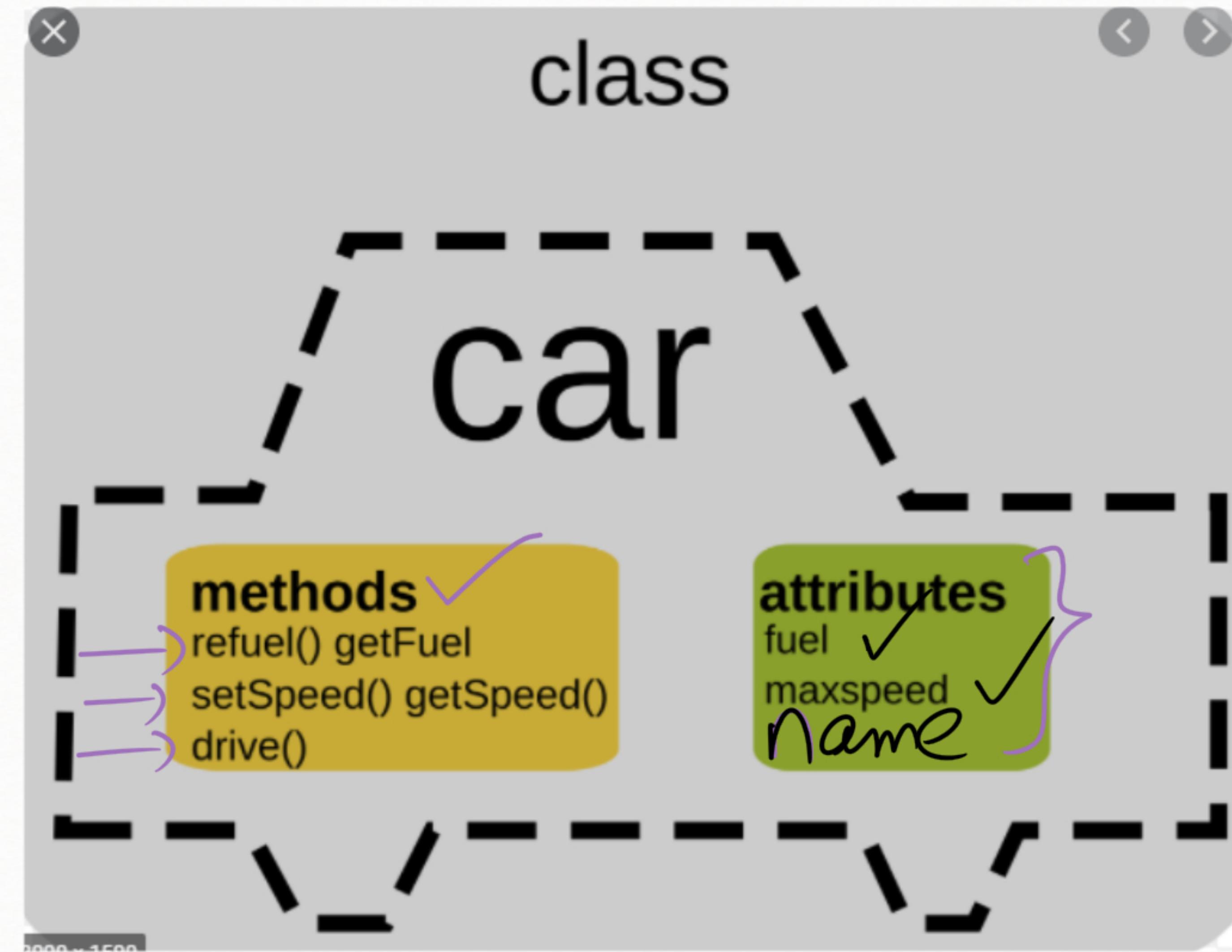


Builtin Methods of List

- 1) append
- 2) extend
- 3) insert
- 4) count
- 5) remove
- 6) pop
- 7) sort
- 8) index

Gen Function Vs Builtin Method  
of any object (list)

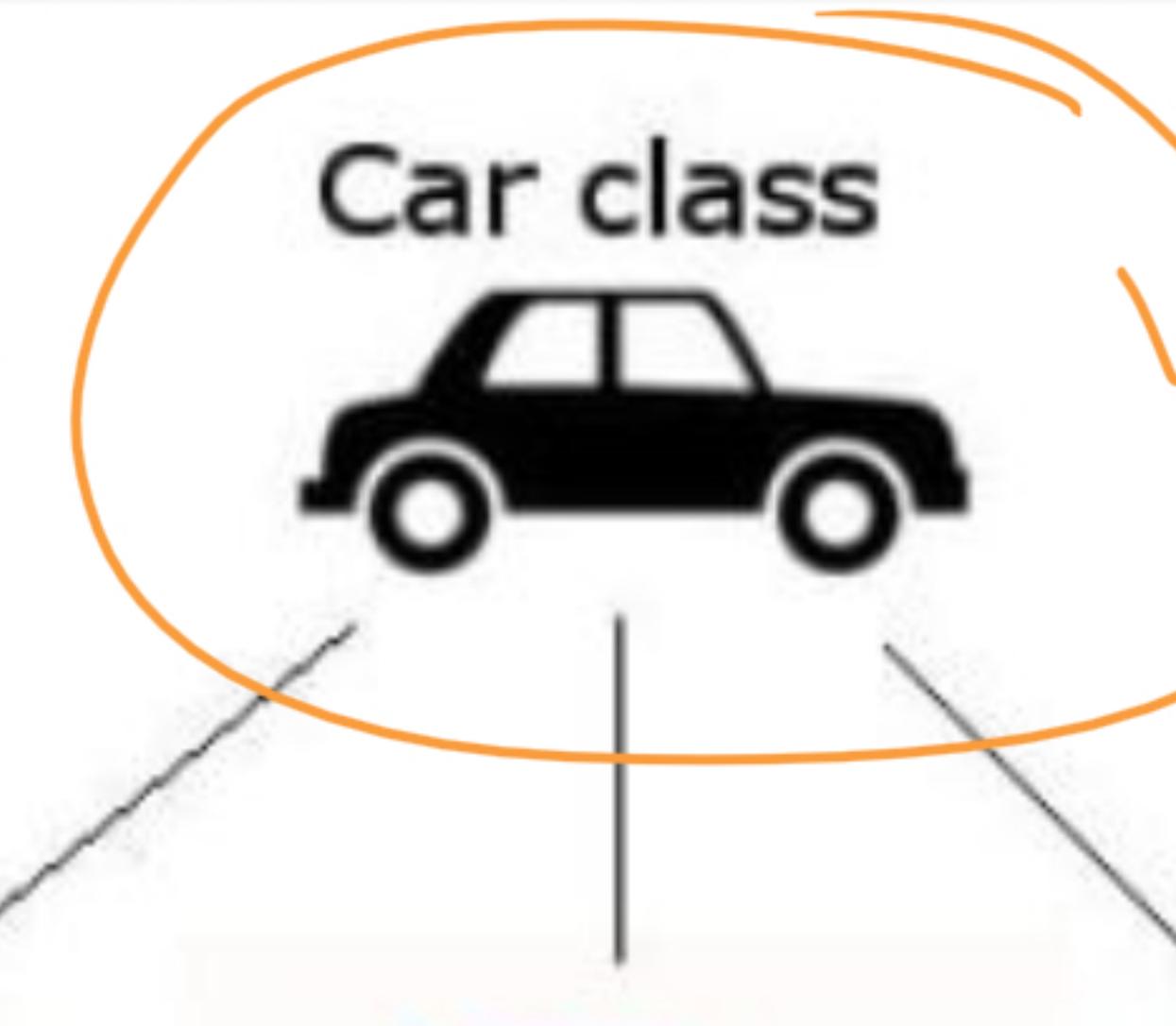
Mimic  
the  
real  
world



Mo  
Moe

How  
look  
different  
like  
Attributes  
for  
objects

Car  
Objects



Pattern Plan

Blueprint  
Color  
Brand  
Model  
Engine Type

Properties/  
Attributes

Actual  
Cars



Green ✓  
Ford ✓  
Mustang ✓  
Gasoline ✓



Red ✓  
Toyota ✓  
Prius ✓  
Electricity ✓



Blue ✓  
Volkswagen ✓  
Golf ✓  
Diesel ✓

Properties/  
Attributes

