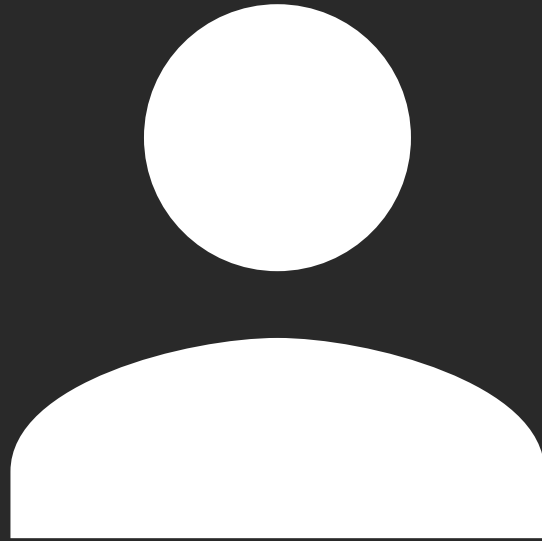


OBJECT ORIENTED PROGRAMMING

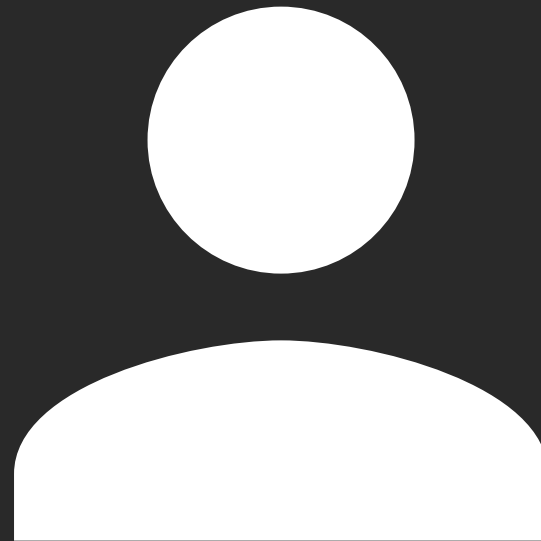
Take a Breath and **يلا بينا**

What You Know About OOP ?

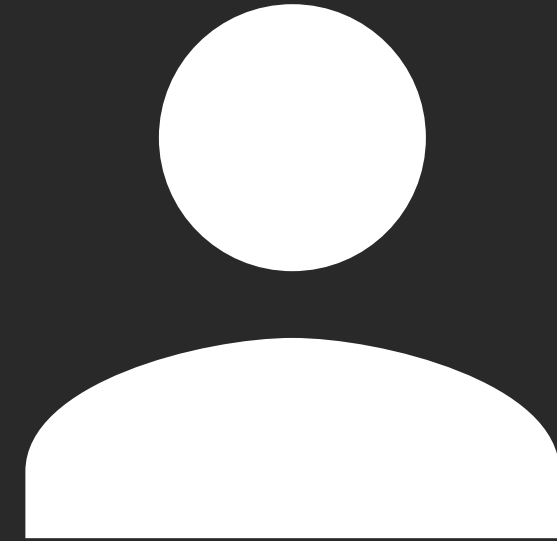
LOL ! it's a
Programming
Language



Hmm ! I Think it's a
Scripting Language

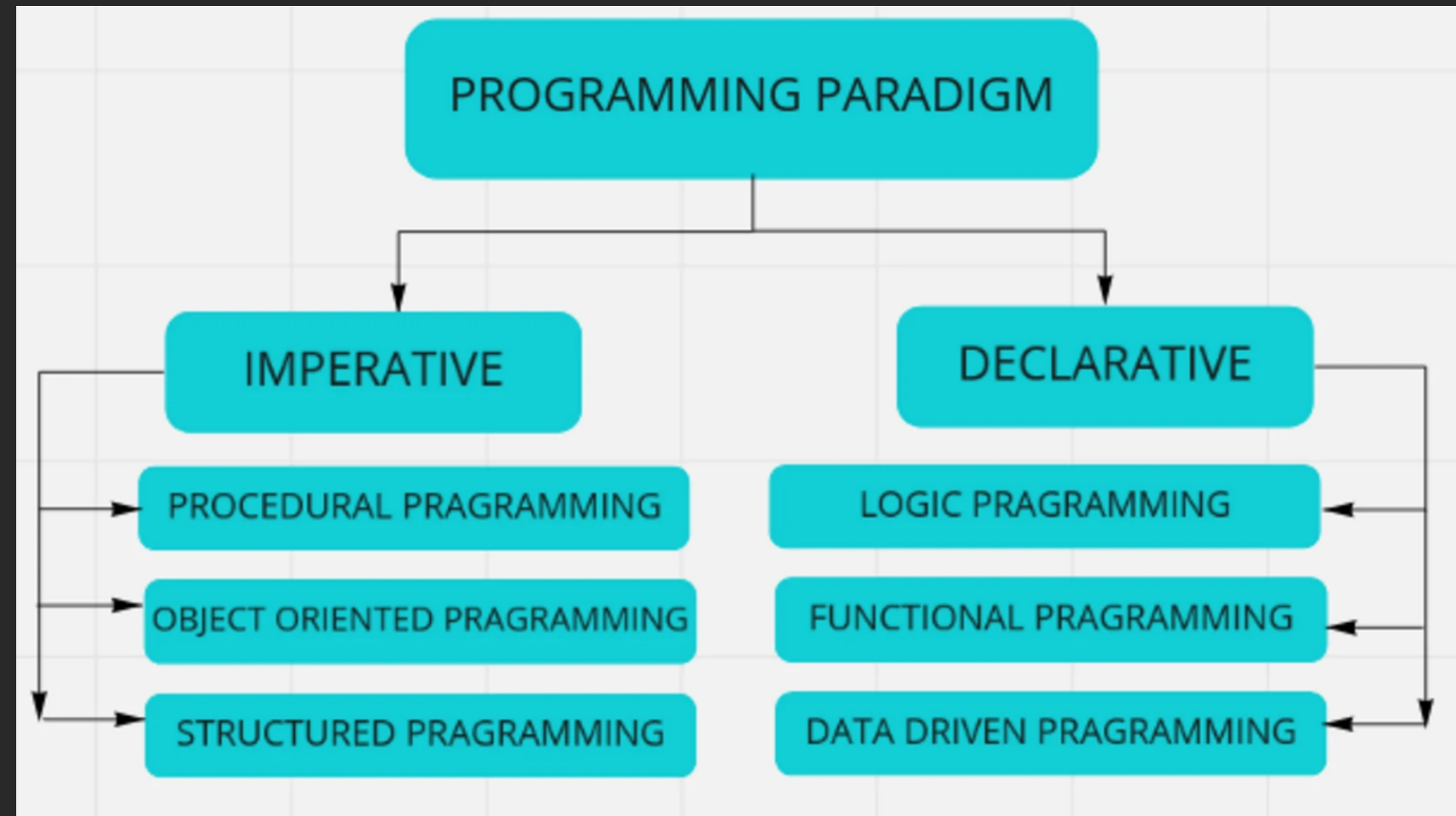


What About
Programming
Paradigms



Nice !! But What is Programming Paradigms ?

- Different ways or style in Which Programming Language can be Organize
- Each paradigm consists of certain structures, features, and opinions about how common programming problems should be tackled.



Here We Go **Introduction** .

`$QuestionWord = "What Is" ;`

- `$QuestionWord` OOP And Why ?
- `$QuestionWord` Object ?
- `$QuestionWord` The Constructor ?
- `$QuestionWord` The Class ?



DRY

I'm Not Here

OOP

It's Old Not New

Make Code More
Beautiful

Make Code easy
To Read

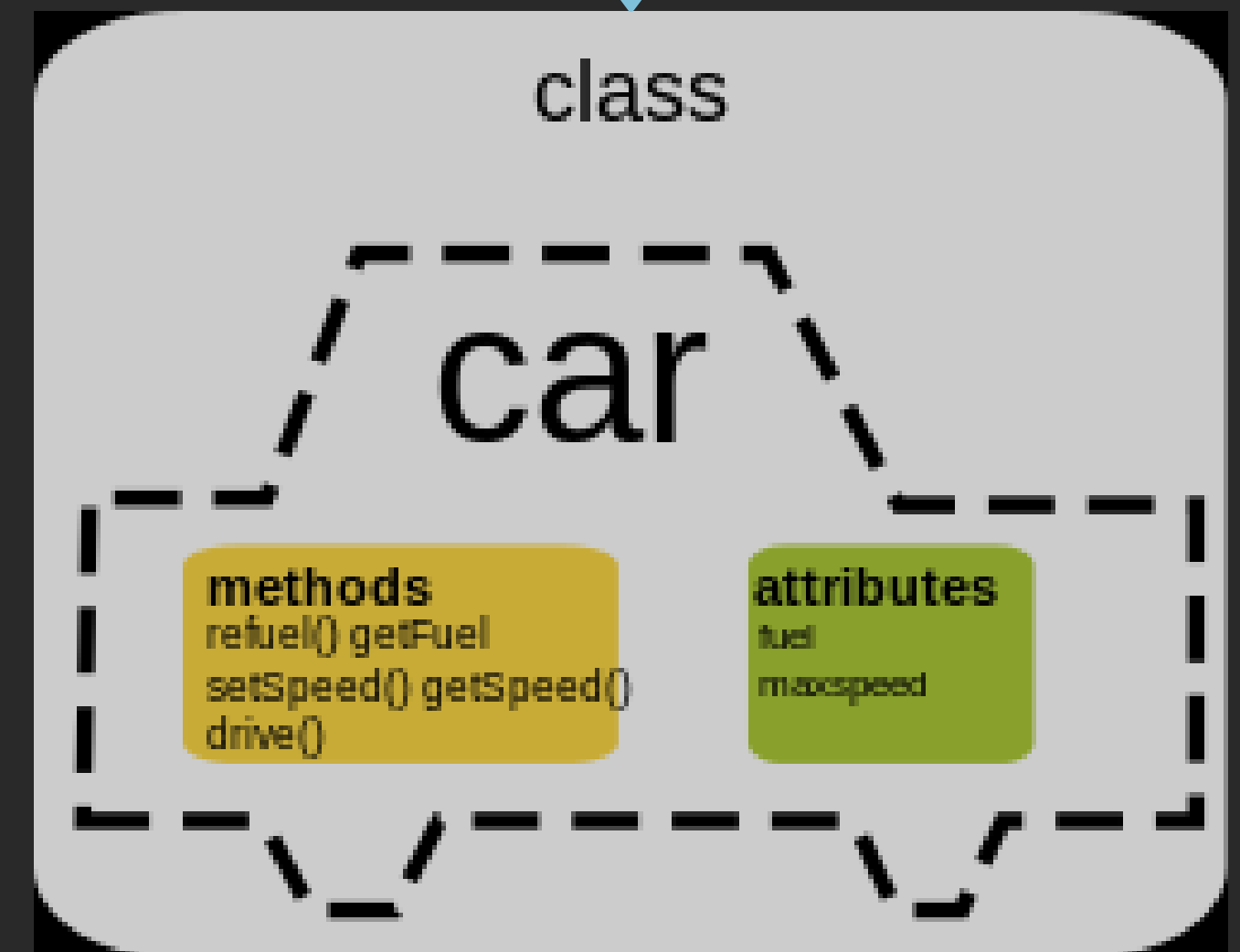
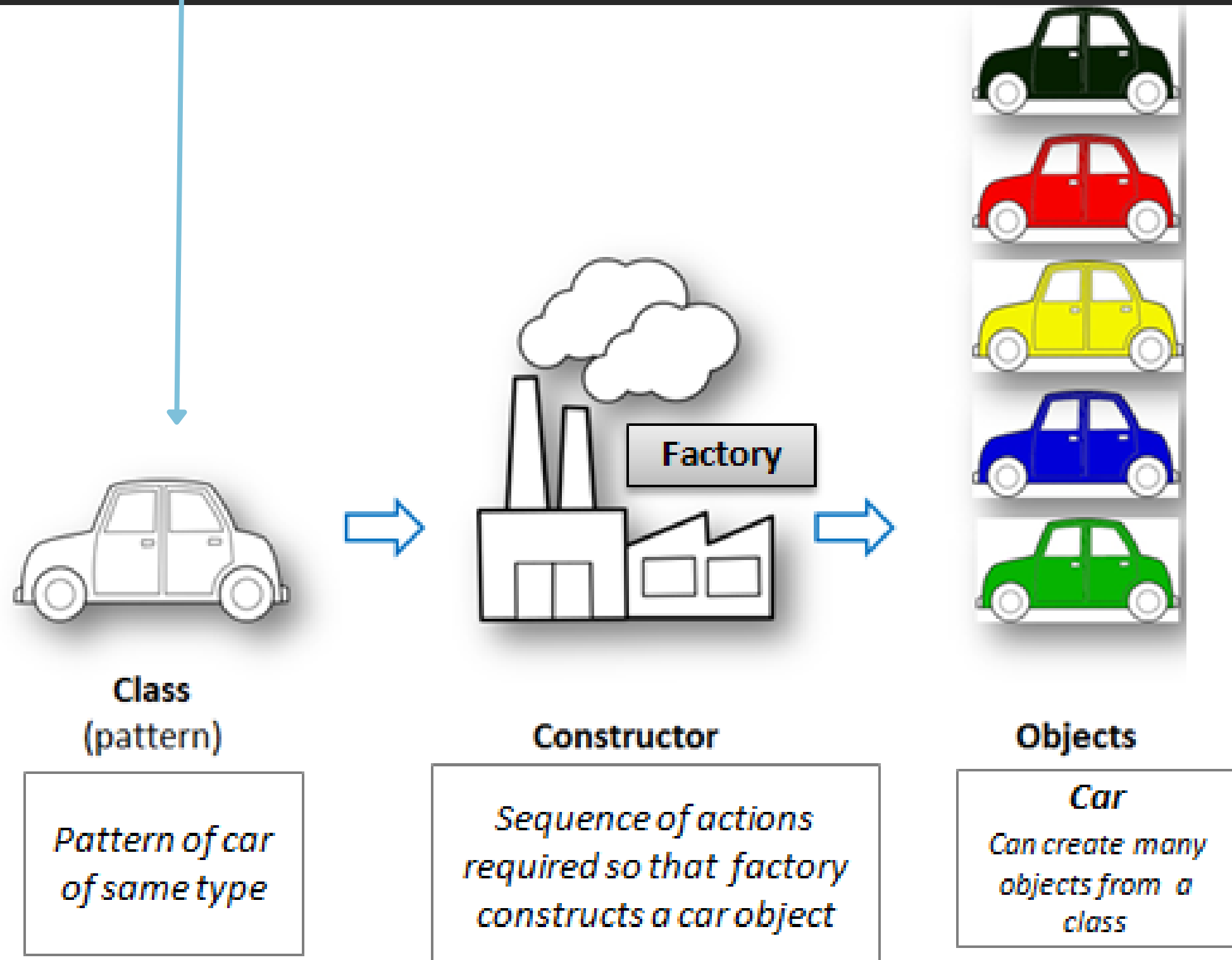
Make Code easy
To Be Changeable



What You Know About Other Questions ?

Time To Stooooooooory

Welcome Back



SO !

Class

- Class Is a blueprint or Model or a Structure That Can Have Many Objects
- Template definition of the Methods and Properties
- Every Class Has Built-in Constructor

Object

- Object is an Instance - Son - of Class
- Anything U Can Describe [Car , Person , Animal ...]
- Consists of methods and properties



```
class Car {  
    // Hi I'm a Class Called Car  
}  
$carObject = new Car();
```


Continue ...

Constructor

- Template definition of the Methods and Properties
- It's Running As Soon As You create New Object

مصنع الانتاج

تفتكر هل اقدر اعمل اكثر من مصنع انتاج ف PHP ؟

```
class Car {  
    // Hi I'm a Class Called Car  
}  
$carObject = new Car();  
  
() => Hi Im a Constructor
```

Inheritance

Abstraction

OOP

Encapsulation

Polymorphism

Resources

Omar Ahmed OOP

- https://www.youtube.com/watch?v=jz8JVznL2HA&list=PLwWuxCLlF_ue7GPvoG_Ko1x43tZw5cz9v

Elzero Web School

- https://www.youtube.com/watch?v=w6JqPsVP7Ps&list=PLDoPjvoNmBAxXTPncg0W4lhVS32LO_xtQ

W3school

- https://www.w3schools.com/php/php_oop_what_is.asp

Task

- Does PHP Support Multi Constructor ?
- What is the difference between Variable and Property ?
- What is the difference between Methods and Functions ?

Quote

" Programs must be written for
people to read, and only
incidentally for machines to
execute "



Thank You

Abdelrahman Abdullah