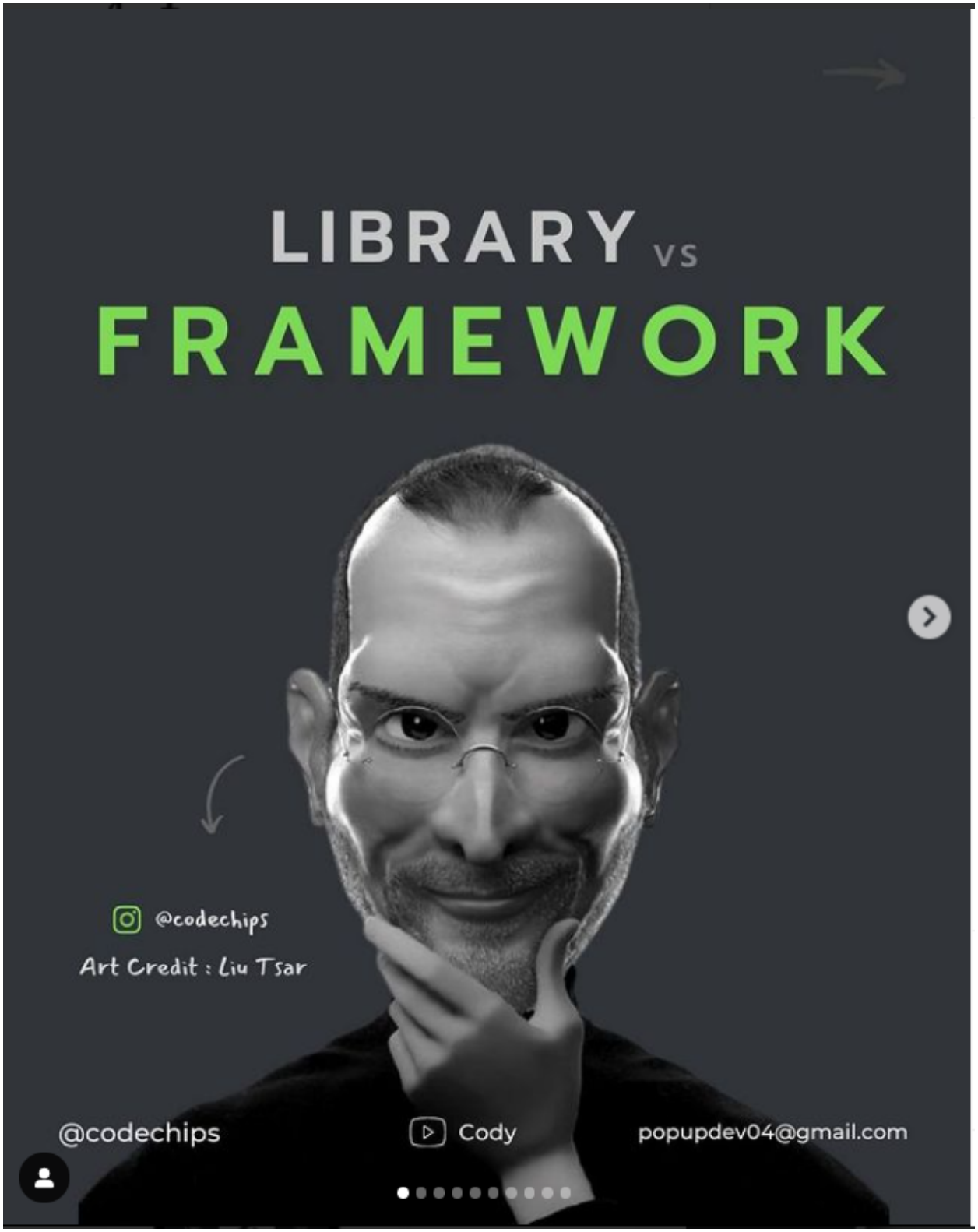
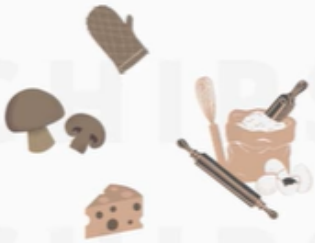

LIBRARY VS
FRAMEWORK
@codechips
Art Credit : Liu Tsar
@codechips
Cody
popupdev04@gmail.com

Lets say you want to make a Pizza

You will need to

- prepare the dough
- Chop the toppings
- Arrange them
- Bake it
- etc ..



Source : Mr Bean
Animated Series

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To Prepare it you will need some tools

You can either forge and create your own tools

or buy a toolset that already has the things you need

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This toolset represents a library

Here you have the **control to do what you want**. You can use it to prepare Pizzas , Cakes or anything else

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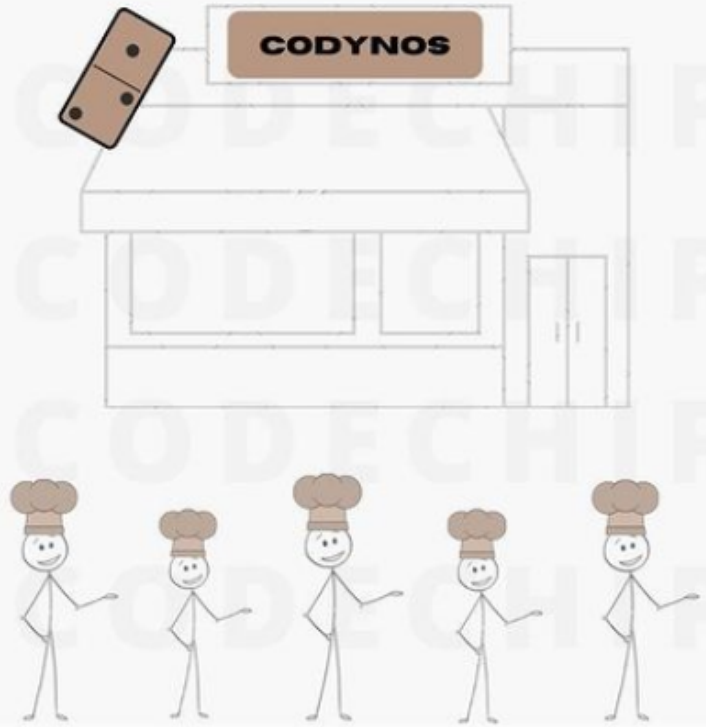
But What if You have a Pizza Restaurant

And the only thing you are going to do
is make pizzas every time



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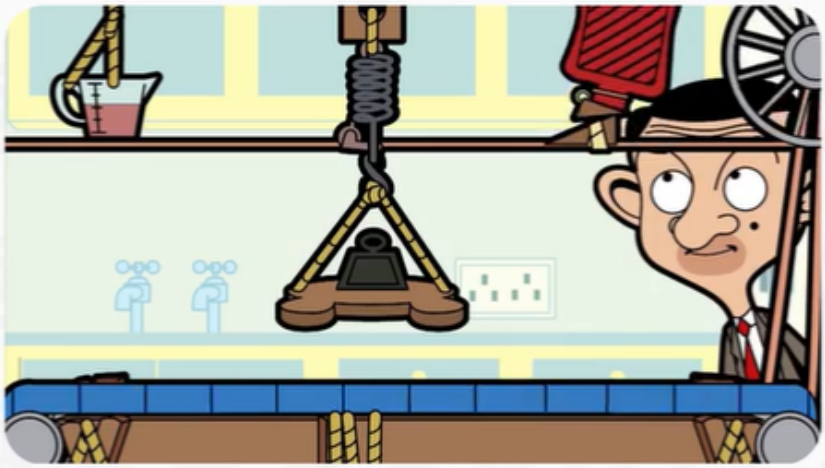
Here instead of using a toolset you can have a Pizza machine specifically made to simplify your repetitive processes



Source : Mr Bean Animated Series

It represents the framework

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Here you can have some control but the machine follows its own set of structures to prepare the Pizzas

And its the machine taking control of your pizza preparation

inversion of control

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These could represent the difference between a **library** and a **framework**

Both libraries and frameworks are **reusable code** written by someone else. Their purpose is to help you solve common problems in easier ways.

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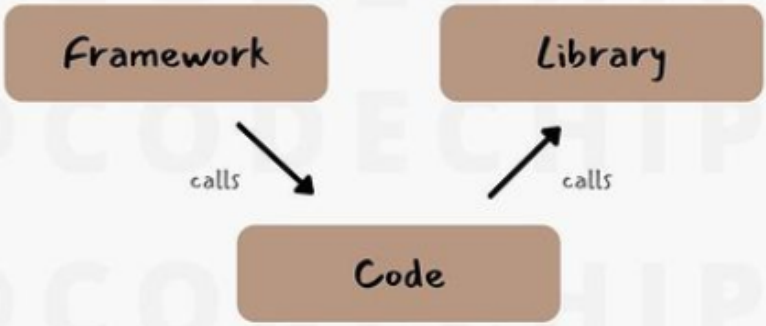
Library

A library provides a set of helper functions / objects / modules which your application code calls for specific functionality eg : jQuery



Framework

Framework is an abstraction in which software providing generic functionality can be selectively changed by additional user-written code, thus providing application-specific software eg : django

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