ex\_40 더해보기

1. Use this code to complete line by line lyrics of a song.

A screenshot of a cell phone

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2. Let the method be passed with a separate arg. variable. And let it pass to the class and class use it. I passed additional lyrics and into arg. variables of method and let it pass to accessed function within the class and specifically to a one of the functions it has.

( Already solved above. )

3. Hack this code and figure out some application of the concept of “Class”.

I could form a database which collects feature of every nodes in a web or app service.

For example, I could form a

Class subscriber(object):

\_\_init\_\_(self, age, sex, connection, monthly\_fee, marketing\_channel, search\_log, times\_spent\_on\_platform, login\_hours\_list):

self.age = age

self.sex = sex

def => some meaningful function to compute meaningful index.

ex).

only thing to do is to add a function if we need more index.

=> class will be useful to manage big data. It could sustain its consistency in group data collection and only thing we need to compute a new meaningful index from a customer is to update the function within the class templete. Optimal for big data management.

4. Binge-read all the instructions or resources on object oriented programming. A lot ! , It doesn’t matter if you don’t understand fully yet. =>

<https://www.youtube.com/watch?v=ZDa-Z5JzLYM&list=PL-osiE80TeTsqhIuOqKhwlXsIBIdSeYtc>

I referred to a popular-for-oop youtube channel corey Schafer.

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Learned about

< 1 > Variable and Method system :

instance variable, instance method ( passed with instance )

class variable, class method ( passed with class )

static method ( passed with nothing, possible to access both by cls, or object )

< 2 > Class inheritance

1). Parent, superclass / child, subclass

2). MRO : THE ORDER OF CLASSES IN WHICH ATTRIBUTE AND METHOD IS SEARCHED

1). The object itself first

2). Depth first

3). The order in which it was put in arg variable in inheritance.

4). object의MRO조회 => instance.\_\_mro\_\_ or instance.mro()

def \_\_init\_\_(self, v1, v2, v3, v4,)

super().\_\_init\_\_(다른 클래스 이용할 변수들)

self.v4 = v4

피상속클래스 인스턴스 배리어블 지정

< 3 > dunder methods ( super method )

< 4 > @ property decorator