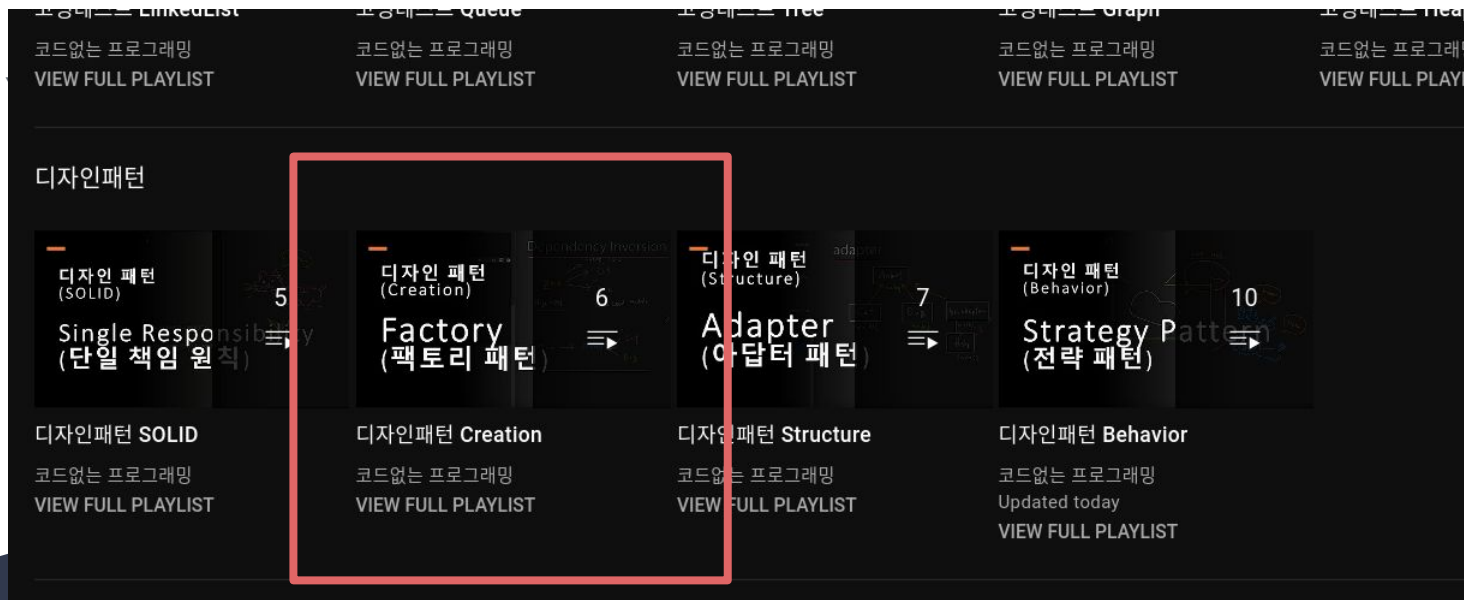


Creational

생성 디자인 패턴

Creational Design Patterns



A close-up, slightly blurred photograph of a person's hands. The person is wearing a dark long-sleeved shirt. Their right hand is holding a purple marker and is in the process of drawing or writing on a white surface, likely a whiteboard. The background is out of focus, showing some indistinct shapes and colors.

Creations

Factory

Factory Method

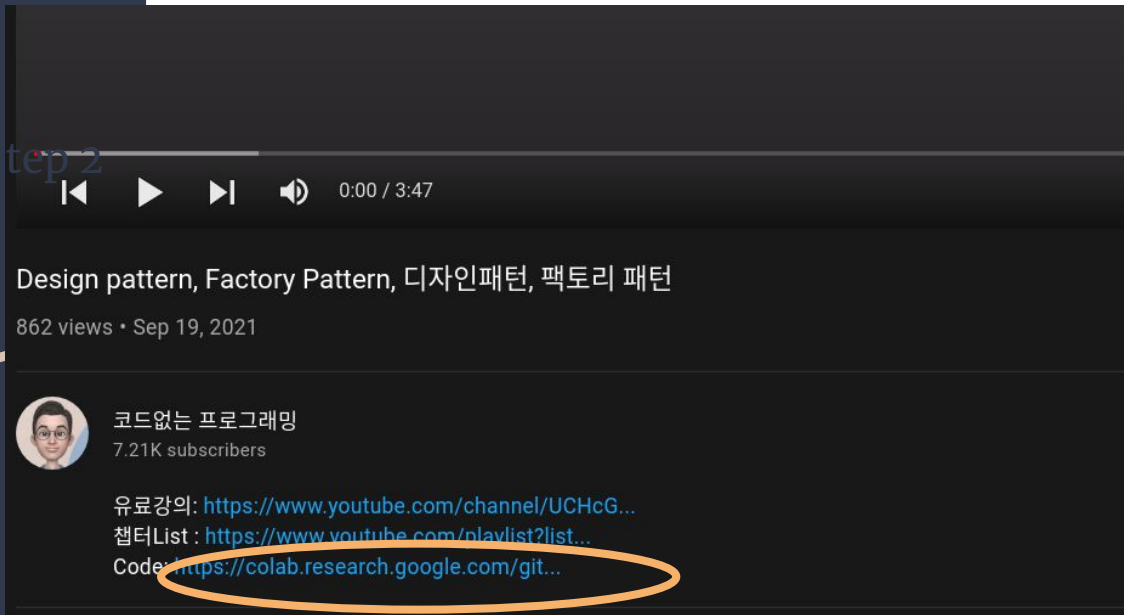
Abstract Factory

Builder Pattern

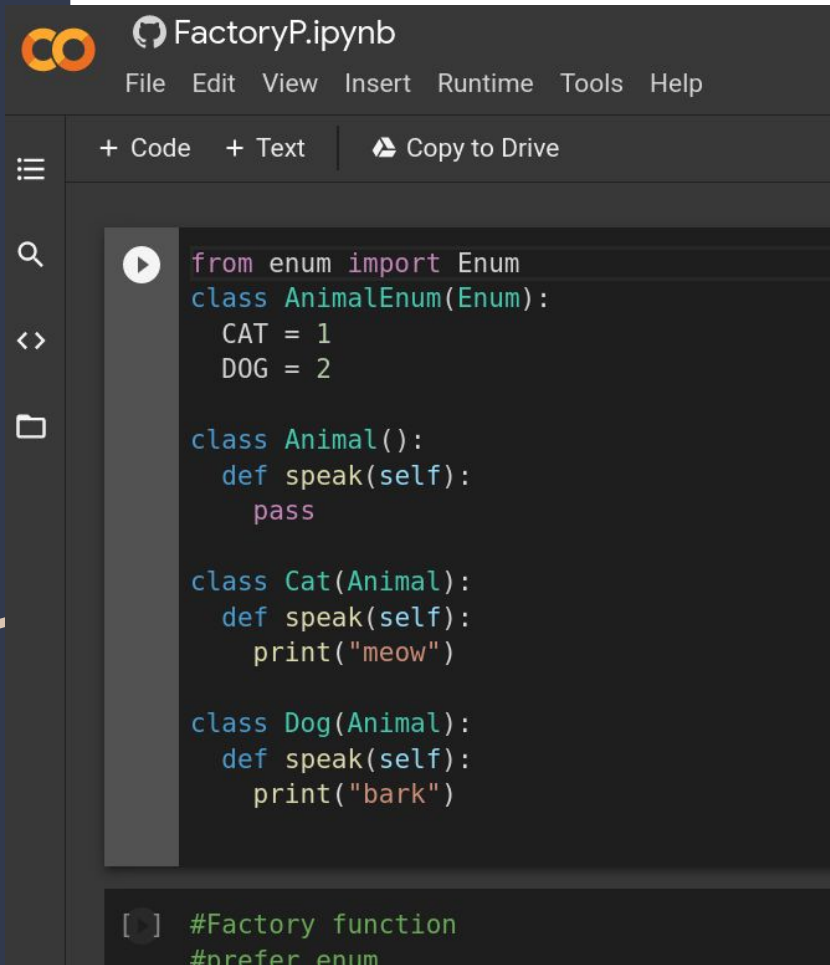
Singleton

Prototype

Python Colab Implementations



Python Colab Implementations

A screenshot of a Jupyter Notebook interface titled 'FactoryP.ipynb'. The interface includes a menu bar with 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. Below the menu bar are tabs for '+ Code', '+ Text', and 'Copy to Drive'. On the left side, there is a sidebar with icons for a menu, search, expand/collapse, and a file explorer. The main area displays Python code for an animal factory implementation using an Enum.

```
from enum import Enum
class AnimalEnum(Enum):
    CAT = 1
    DOG = 2

class Animal():
    def speak(self):
        pass

class Cat(Animal):
    def speak(self):
        print("meow")

class Dog(Animal):
    def speak(self):
        print("bark")


[ ] #Factory function
    #prefer enum
```

Memberships



Creational Design Patterns

Stack →



push
pop
top

Valid parentheses

"(){}[]" ← ok

"{([])}" ← ok

"({) (})" ← not ok

"] [", " (((", "]]] "

empty ok

