

# I AM LEARNING OOP WITH PYTHON

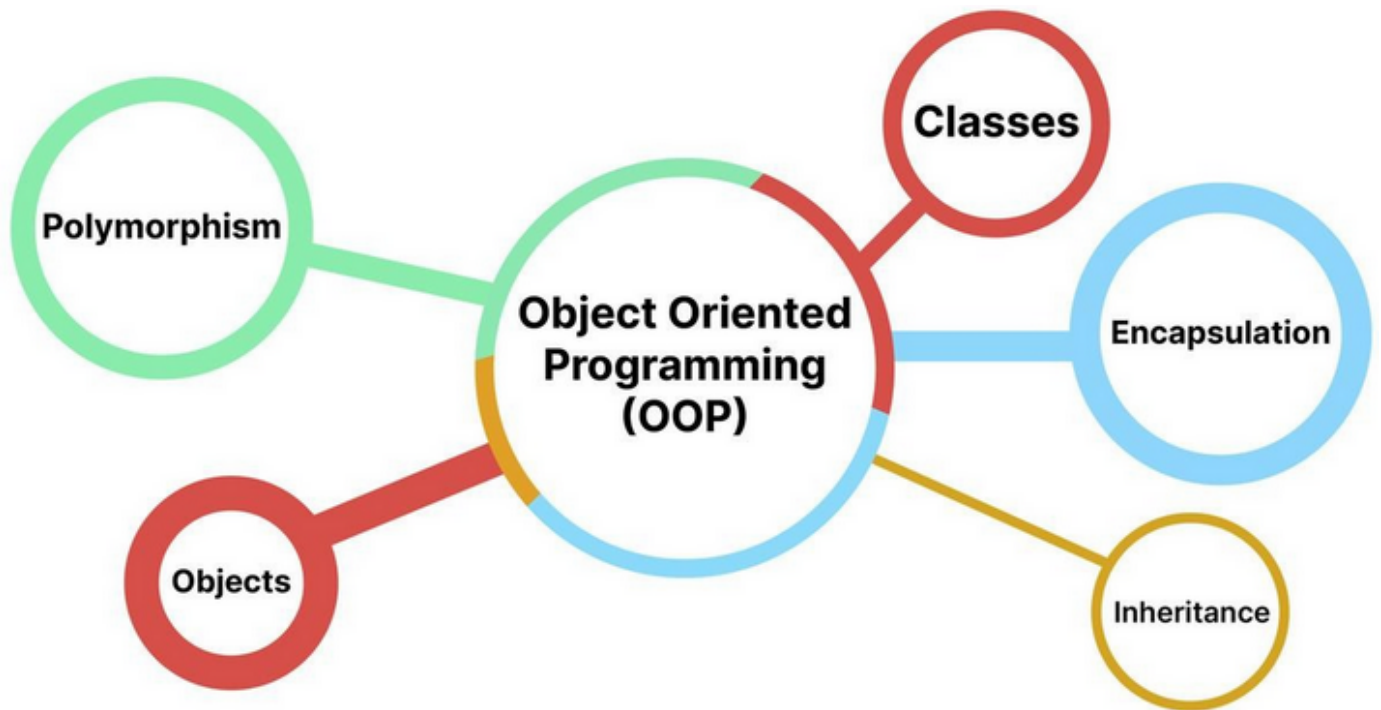
-I started to learn OOP 5 days ago, and it's better than I thought. I have changed all my opinion for this job. For example I am a junior developer for 2 years, and I have always been a bit impetuous for my all code adventure. It affected me badly. Now I change it..

-Now I work regularly, taking notes, and trying to write quality code rather than just focusing on results. I know that in this AI era, it can be difficult to write code knowing exactly what you're doing, but I won't be one of those coders. I always prefer to know what I'm doing because, actually, if you go into code without knowing, fixing it becomes hell. For now I learned Inheritance, Abstraction, Encapsulation. Still learning more.

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1 class VALUES: # bu sınıfı oluşturmanın sebebi kapsülleme yaparak sınıfları ayrı görevlere ayırmak 2 tane sınıf kullandım belki artırılır.
2     def __init__(self):
3         self.a=0
4         self.b=1 # burada kapsülleme yaparak a,b,c değişkenlerini private yaptım
5         self.c=0 # c'yi yine tanımladım ama kullanmayacağız, koddaki kalsın
6
7     def __iter__(self):
8         return self
9
10 class Tribonacci(VALUES):
11
12     def calculate_next(self):
13         self.a, self.b, self.c = self.b, self.a + self.b, self.c # burada soyutlama yaparak
14         # bir sonraki fibonacci sayısını hesaplayan bir method oluşturdum
15
16     def __next__(self):
17         while True:
18             self.calculate_next()
19
20             if self.a % 2 == 0:
21                 return self.a
22
23 if __name__ == "__main__":
24     fib = Tribonacci()
25
26     for _ in range(10):
27         print(next(fib))
```

for example. I now, it's simple but I just started, it gets better every single day ...

--If you want to start OOP I think you better start from this ;



i will share while i learn...

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