

Step-bu-Step

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 - Must implement __call __ method
- 2. Create an instance of the class

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◆ Similar to a def, but...







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Dun! Dun! Dun!

Callables Can Have Hysteresis

```
We'll Break This Down Below
class Factorial:
   def init (self):
       self.previous = {}
   def _call_(self, n: int) -> int:
       if n not in self.previous:
           self.previous[n] = self.compute(n)
       return self.previous[n]
   def compute(self, n: int) -> int:
       if n == 0: return 1
       return n*self. call (n-1)
```