

In [5]:

```
1 class User:
2     def __init__(self, username, email_adress):
3         self.name=username
4         self.email=email_adress
5         self.account_balance=0
6
7     #depósitos
8     def make_deposit(self, amount):
9         self.account_balance+=amount
10        return self
11
12    #retiros
13    def make_withdrawal(self, amount):
14        self.account_balance-=amount
15        return self
16
17    #transferencias
18    def transfer_money(self, other_user, amount):
19        if self.account_balance>amount:
20            other_user=other_user.make_deposit(amount)
21            self.make_withdrawal(amount)
22        return self
23
24    def display_user_balance(self):
25        print("Nombre: ", self.name)
26        print("Saldo: ", self.account_balance)
27        return self
28
29 guido=User("Guido van Rossum", "guido@python.com")
30 monty=User("Monty Python", "monty@python.com")
31 john=User("John Doe", "john@python.com")
32
33 guido.make_deposit(100).make_deposit(200).make_deposit(50).make_withdrawal(50).display_user_balance()
34 monty.make_deposit(180).make_deposit(250).make_withdrawal(170).make_withdrawal(85).display_user_balance()
35 john.make_deposit(500).make_withdrawal(190).make_withdrawal(45).make_withdrawal(99).display_user_balance()
36
37 guido.transfer_money(john,55)
38 john.display_user_balance()
39 guido.display user balance()
```

Nombre: Guido van Rossum
Saldo: 300
Nombre: Monty Python

```
Saldo: 175
Nombre: John Doe
Saldo: 166
Nombre: John Doe
Saldo: 221
Nombre: Guido van Rossum
Saldo: 245
```

Out[5]: <__main__.User at 0x1be3cb25af0>

In []:

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