

In [3]:

```
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
11    #retiros
12    def make_withdrawal(self, amount):
13        self.account_balance-=amount
14
15    #transferencias
16    def transfer_money(self, other_user, amount):
17        if self.account_balance>amount:
18            other_user=other_user.make_deposit(amount)
19            self.make_withdrawal(amount)
20
21    def display_user_balance(self):
22        print("Nombre: ", self.name)
23        print("Saldo: ", self.account_balance)
24
25    guido=User("Guido van Rossum", "guido@python.com")
26    monty=User("Monty Python", "monty@python.com")
27    john=User("John Doe", "john@python.com")
28
29    guido.make_deposit(100)
30    guido.make_deposit(200)
31    guido.make_deposit(50)
32    guido.make_withdrawal(50)
33    guido.display_user_balance()
34
35    monty.make_deposit(180)
36    monty.make_deposit(250)
37    monty.make_withdrawal(170)
38    monty.make_withdrawal(85)
39    monty.display_user_balance()
40
41    john.make_deposit(500)
42    john.make_withdrawal(190)
```

```
43 john.make_withdrawal(45)
44 john.make_withdrawal(99)
45 john.display_user_balance()
46
47 guido.transfer_money(john,55)
48 john.display_user_balance()
49 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
```

In []:

1