In [19]:

```
class BankAccount:
    def __init__(self, int_rate, balance):
        self.int_rate=int_rate   #tasa de interés
        self.balance=balance   #saldo inicial

    #depósitos
    def deposit(self, amount):
        self.balance+=amount
        print("depósito $", amount, "Saldo $", self.balance)
        return self

    #retiros o giros
    def withdraw(self, amount):
        if self.balance>amount:
            self.balance-=amount
            print("retiro   $", amount, "Saldo $", self.balance)
        else:
            print("Fondos insuficientes: cobrar una tarifa de $5")
            self.balance-=5
        return self

    #imprime saldo
    def display_account_info(self):
        print("Saldo    $", self.balance)
        return self

    #cálculo interés generado
    def yield_interest(self):
        if self.balance>=1:
            self.balance+=self.balance*self.int_rate
            print("Interés generado $", self.balance*self.int_rate)
        return self

accountnum1=BankAccount(0.01, 180)
accountnum2=BankAccount(0.05, 500)

accountnum1.deposit(150).deposit(200).deposit(500).withdraw(190).yield_interest().display_account_info()
accountnum2.deposit(1000).withdraw(300).withdraw(500).withdraw(50).withdraw(290).yield_interest().display_a
```

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```

```
depósito $ 150 Saldo $ 330
depósito $ 200 Saldo $ 530
depósito $ 500 Saldo $ 1030
retiro   $ 190 Saldo $ 840
Interés generado $ 8.484
Saldo    $ 848.4
depósito $ 1000 Saldo $ 1500
retiro   $ 300 Saldo $ 1200
retiro   $ 500 Saldo $ 700
retiro   $ 50 Saldo $ 650
retiro   $ 290 Saldo $ 360
Interés generado $ 18.900000000000002
Saldo    $ 378.0
```

Out[19]:
```
<__main__.BankAccount at 0x27e2e6a4400>
```

In [ ]:
```
1
```