

Crea un programa “TestAccount.py” con el siguiente contenido:

```
from SavingAccount import SavingAccount
from CurrentAccount import CurrentAccount

saving_account1 = SavingAccount(5, 5000)
saving_account2 = SavingAccount(4, 6000,1000)
current_account1 = CurrentAccount(5, 5000)
current_account2 = CurrentAccount(10,1500)
print("*****INITIAL DATA*****\n")
print(saving_account1)
print(saving_account2)
print(current_account1)
print(current_account2)
print ("*****\n")

saving_account1.deposit(1000)
print (saving_account1)
saving_account2.deposit(200)
print(saving_account2)
saving_account2.withdraw(140)
print(saving_account2)
saving_account1.add_interest_amount_to_balance()
print (saving_account1)
saving_account1.transfer(200, saving_account2)
print (saving_account1)
print (saving_account2)
current_account1.deposit(1000)
current_account1.withdraw(140)
print(current_account1)
print(current_account2)
```

```
current_account1.transfer(100,current_account2)
```

```
print(current_account1)
```

```
print(current_account2)
```

```
current_account1.add_interest_amount_to_balance()
```

```
print(current_account1)
```

```
try:
```

```
    current_account1.transfer(1000000,saving_account1)
```

```
except ValueError as e:
```

```
    print(e)
```

```
try:
```

```
    saving_account1.withdraw(588800)
```

```
except ValueError as e:
```

```
    print(e)
```

```
print(f"Total amount in current accounts: {current_account1 + current_account2} ")
```

```
print(f"Total amount in saving accounts: {saving_account1 + saving_account2 }")
```

La salida obtenida debe de ser esta:

****INITIAL DATA****

<SavingAccount> Account number: 10001234 Balance: 0 Anual Rate: 5 Minimum Balance: 5000

<SavingAccount> Account number: 10001235 Balance: 1000 Anual Rate: 4 Minimum Balance: 6000

<CurrentAccount> Account number: 10001236 Balance: 5000 Anual Rate: 5

<CurrentAccount> Account number: 10001237 Balance: 1500 Anual Rate: 10

<SavingAccount> Account number: 10001234 Balance: 1000 Anual Rate: 5 Minimum Balance: 5000

<SavingAccount> Account number: 10001235 Balance: 1200 Anual Rate: 4 Minimum Balance: 6000

<SavingAccount> Account number: 10001235 Balance: 1060 Anual Rate: 4 Minimum Balance: 6000

<SavingAccount> Account number: 10001234 Balance: 1025.0 Anual Rate: 5 Minimum Balance: 5000

<SavingAccount> Account number: 10001234 Balance: 825.0 Anual Rate: 5 Minimum Balance: 5000

<SavingAccount> Account number: 10001235 Balance: 1260 Anual Rate: 4 Minimum Balance: 6000

<CurrentAccount> Account number: 10001236 Balance: 5860 Anual Rate: 5

<CurrentAccount> Account number: 10001237 Balance: 1500 Anual Rate: 10

<CurrentAccount> Account number: 10001236 Balance: 5760 Anual Rate: 5

<CurrentAccount> Account number: 10001237 Balance: 1600 Anual Rate: 10

<CurrentAccount> Account number: 10001236 Balance: 6048.0 Anual Rate: 5

Transfer amount cannot be above balance.

Withdraw amount cannot be above balance.

Total amount in current accounts: 7648.0

Total amount in saving accounts: 2085.0