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...



Sandeep Suryaprasad testing

Latest commit 23a821c on 19 Feb

[History](#)

0 contributors

36 lines (30 sloc) | 1.21 KB

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```
1  # BankAccount Class
2  class BankAccount:
3      # Class Variable
4      interest_rate = 0.04
5      def __init__(self, name, balance=0):
6          self.name = name
7          self.balance = balance
8          self.transactions = []
9          self.transactions.append(f'***** Inital Amount Deposit *****')
10
11     def deposit(self, amount):
12         self.balance += amount
13         self.transactions.append(f'Amount deposited: {amount}')
14
15     def withdraw(self, amount):
16         self.balance -= amount
17         self.transactions.append(f'Amount withdrawn: {amount}')
18
19     def transfer(self, to_account, amount):
20         if self.balance >= amount:
21             to_account.deposit(amount)
22             self.balance -= amount
23             self.transactions.append(f'NEFT to BankAccount {to_account}')
24
25     def statement(self):
26         for item in self.transactions:
27             print(item)
```

```
28         print(f'***** Total Account Balance ***** {self.balance}')
29
30     def roi(self):
31         int_amount = self.__class__.interest_rate * self.balance
32         self.balance = self.balance + int_amount
33         self.transactions.append(f'Interest Amount Credited {int_amount}')
34
35     b1 = BankAccount("steve", 1000)
36     b2 = BankAccount("bill", 2000)
```