

7). Develop a class BankAccount that supports these methods:

- a). **init()**: Initializes the bank account balance to the value of the input argument, or to 0 if no input argument is given.
- b). **withdraw()**: Takes an amount as input and withdraws it from the balance.
- c). **deposit()**: Takes an amount as input and adds it to the balance.
- d). **balance()**: Returns the balance on the account.

```
#Class
class BankAccount:
    def __init__(self, balance=0):
        self.balances = balance

    def withdraw(self, amount):
        if self.balances >= amount:
            self.balances -= amount
            print(f"{amount} with draw successfully")
        else:
            print("Not enough balance")

    def deposit(self, amount):
        self.balances += amount
        print(f"{amount} successfully deposited")

    def balance(self):
        print(f"The balance is {self.balances}")

account = BankAccount(int(input("Enter the opening balance: ")))
loop_runner = True

while loop_runner:
    print("\nBankAccount")
    print("Operations\n 1. Withdraw\n 2. Deposit \n 3. Balance \n 4. To Exit")
    option = int(input("Choice: "))

    if option == 1:
        account.withdraw(int(input("Enter the amount: ")))

    elif option == 2:
        account.deposit(int(input("Enter the amount: ")))

    elif option == 3:
        account.balance()

    else:
        loop_runner = False
```

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Output

Enter the opening balance: 1000

BankAccount

Operations

1. Withdraw
2. Deposit
3. Balance
4. To Exit

Choice: 3

The balance is 1000

BankAccount

Operations

1. Withdraw
2. Deposit
3. Balance
4. To Exit

Choice: 1

Enter the amount: 2000

Not enough balance

BankAccount

Operations

1. Withdraw
2. Deposit
3. Balance
4. To Exit

Choice: 1

Enter the amount: 200

200 with draw successfully

BankAccount

Operations

1. Withdraw
2. Deposit
3. Balance
4. To Exit

Choice: 3

The balance is 800

BankAccount

Operations

1. Withdraw
2. Deposit
3. Balance
4. To Exit

Choice: 2

Enter the amount: 3000

3000 successfully deposited

BankAccount

Operations

1. Withdraw
2. Deposit