In [1]:

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"""Write a python program to replicate a Banking system. The following feature
1. Account login
2. Amount Depositing
3. Amount Withdrawal
Other than the above features you can add any other also"""

class BankAccount:
    def __init__(self, account_number, pin, balance=0):
        self.account_number = account_number
        self.pin = pin
        self.balance = balance

    def login(self, account_number, pin):
        if self.account_number == account_number and self.pin == pin:
            return True
        else:
            return False

    def deposit(self, amount):
        if amount > 0:
            self.balance += amount
            print(f"Deposited {amount} successfully.")
        else:
            print("Invalid amount for deposit.")

    def withdraw(self, amount):
        if amount > 0 and amount <= self.balance:
            self.balance -= amount
            print(f"Withdrew {amount} successfully.")
        else:
            print("Invalid amount for withdrawal or insufficient balance.")

    def check_balance(self):
        print(f"Current Balance: {self.balance}")

# Sample usage
def main():
    # Creating a new bank account
    account1 = BankAccount("123456", "1234")

    # Logging in
    if account1.login("123456", "1234"):
        print("Login successful.")
    else:
        print("Invalid credentials.")

    # Depositing
    account1.deposit(1000)

    # Withdrawing
    account1.withdraw(500)

    # Checking balance
    account1.check_balance()

if __name__ == "__main__":
    main()
```

```
Login successful.
Deposited 1000 successfully.
Withdrew 500 successfully.
Current Balance: 500
```

In [ ]: