Pseudo Code for Python 3MTT Group 3 Banking Script

# Class: BankAccount

Attributes:

- \_\_account\_number

- \_\_account\_holder

- \_\_balance

- \_\_transaction\_history

## Methods:

1. deposit(amount):

- Check if amount is positive

- Add amount to balance

- Record transaction in transaction history

2. withdraw(amount):

- Check if amount is positive and sufficient balance exists

- Subtract amount from balance

- Record transaction in transaction history

3. get\_balance():

- Return current balance

4. view\_transaction\_history():

- Display all past transactions

# Class: Customer

Attributes:

- name

- customer\_id

- account (holds BankAccount object)

## Methods:

1. create\_account(account\_number, initial\_balance):

- Create a BankAccount for the customer

2. deposit(amount):

- Call the deposit method of BankAccount

3. withdraw(amount):

- Call the withdraw method of BankAccount

4. check\_balance():

- Call the get\_balance method of BankAccount

5. view\_transaction\_history():

- Call the view\_transaction\_history method of BankAccount