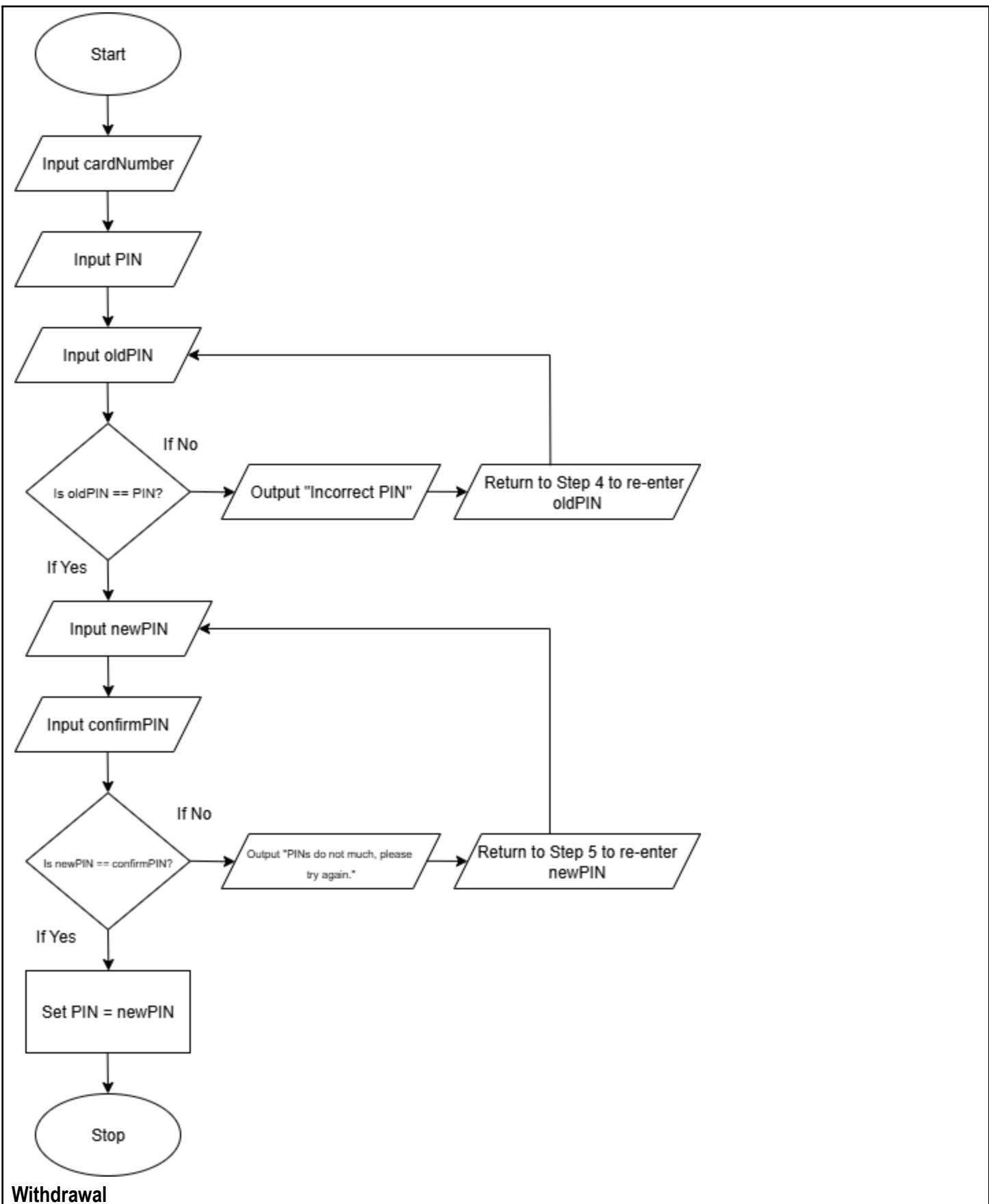


Activity No. 1.1	
Flowcharting and Application of Pseudo codes	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: August 29, 2025
Section: CPE11S1	Date Submitted: August 29, 2025
Name(s): Jaime Luis M. Demain	Instructor: Engr. Jimlord M. Quejado
6. Output	
Changing PIN	
Start	
Input cardNumber	
Input PIN	
Input oldPIN	
Is oldPIN == PIN?	
If Yes	
Input newPIN	
Input confirmPIN	
Is newPIN == confirmPIN?	
If Yes	
Set PIN = newPIN	
Stop	
If No	
Output "PINs do not match, please try again."	
Return to Step 5 to re-enter newPIN	
If No	
Output "Incorrect PIN"	
Return to Step 4 to re-enter oldPIN	



Withdrawal

Start

Set moneybalance

Input cardNumber

Input PIN

Input transaction_type

Input withdraw

Input moneyamount

Is moneyamount > moneybalance?

If Yes

Output "Sorry, you do not have sufficient funds available."

Return to Step 7 to re-enter moneyamount

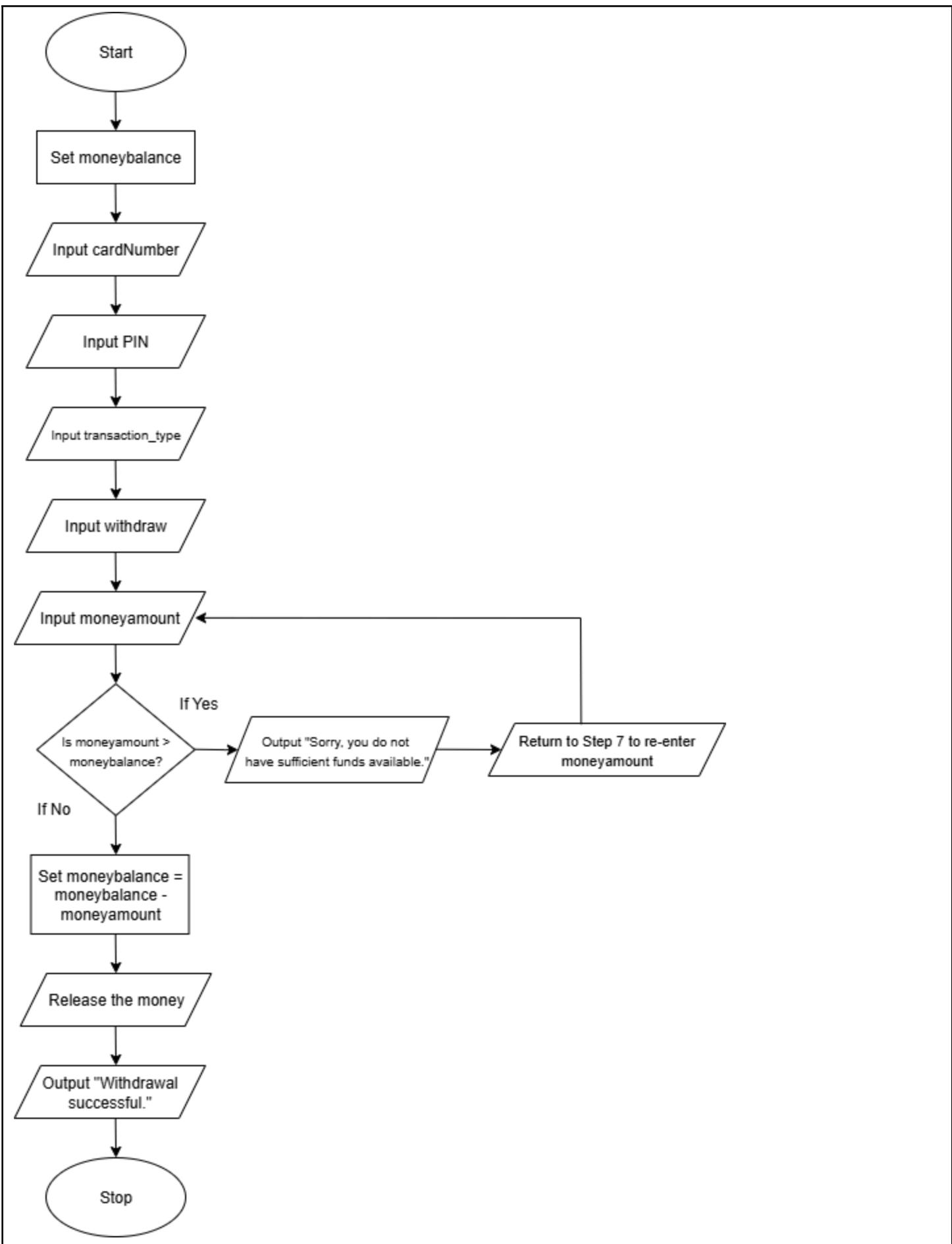
If No

Set moneybalance = moneybalance - moneyamount

Release the money

Output "Withdrawal successful."

Stop



Deposit

Start

Input cardNumber

Input PIN

Input transaction_type

Input deposit

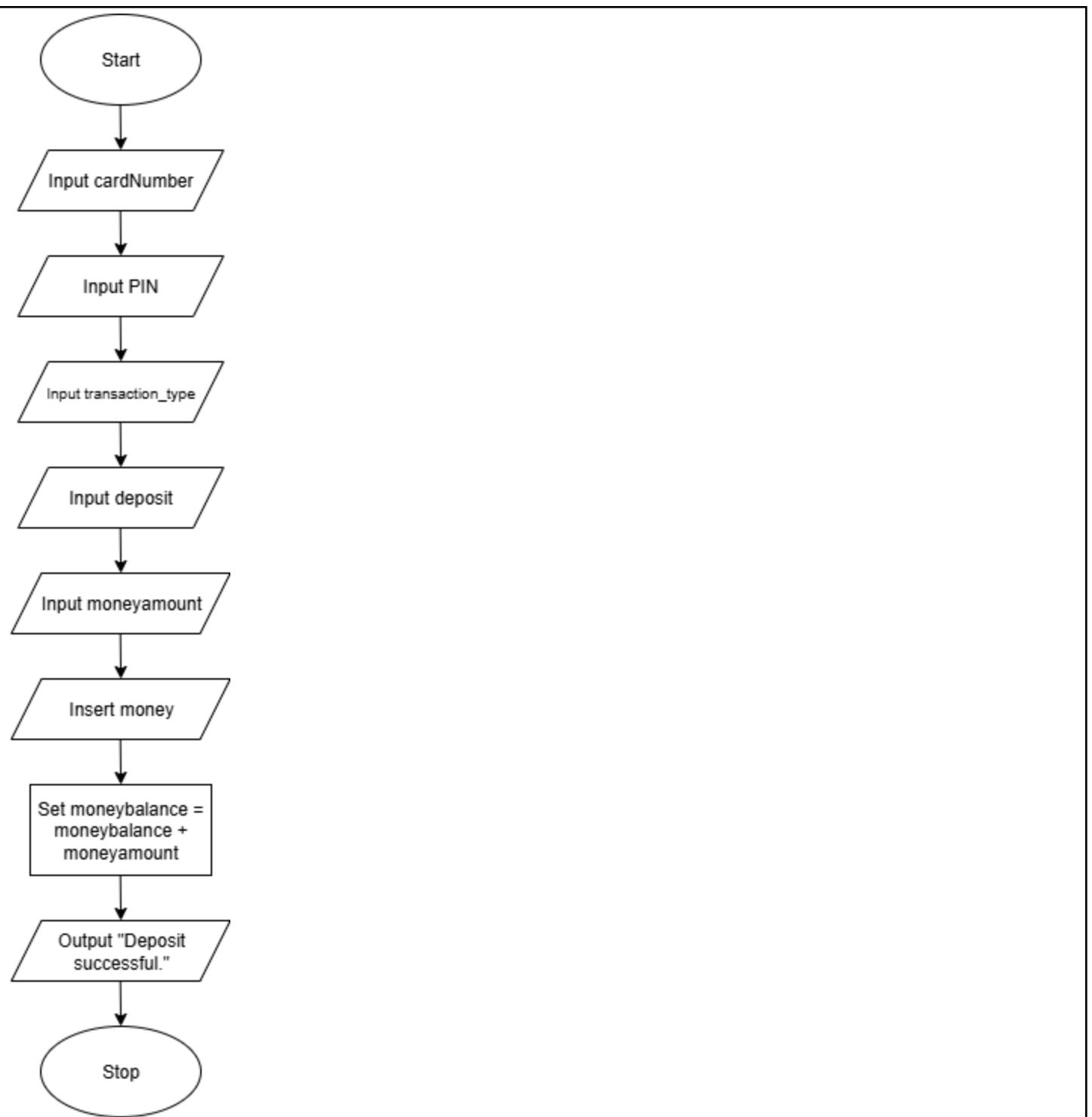
Input moneyamount

Insert money

Set moneybalance = moneyamount + moneybalance

Output "Deposit successful."

Stop



Fund Transfer

Start

Set moneybalance

Input cardNumber

Input PIN

Input transaction_type

Input fundtransfer

Input receiveraccount

Input moneyamount

Is moneyamount > moneybalance?

If Yes

Output "Sorry, you do not have sufficient funds available."

Return to Step 8 to re-enter moneyamount

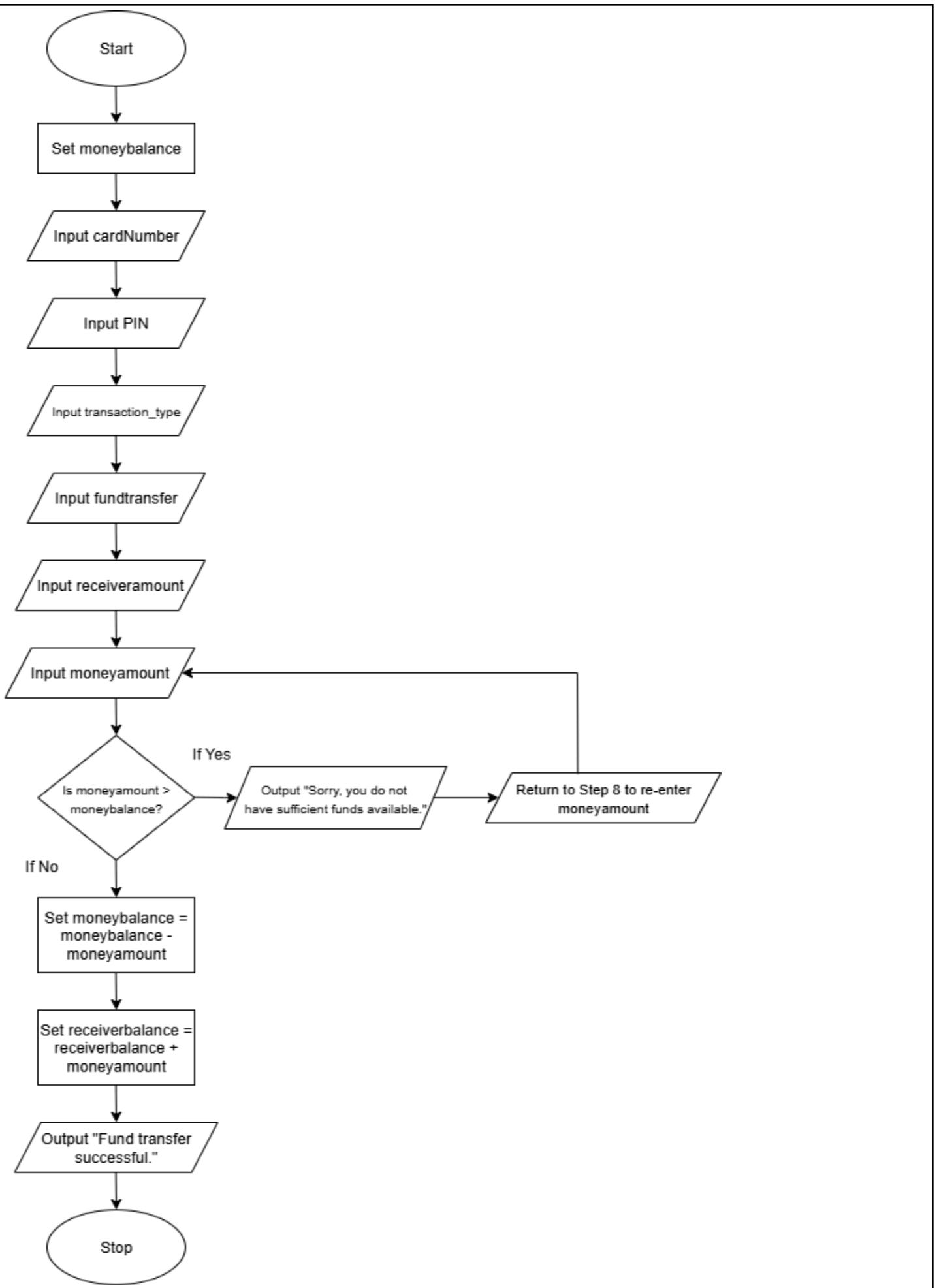
If No

Set moneybalance = moneybalance - moneyamount

Set receiverbalance = receiverbalance + moneyamount

Output "Fund transfer successful."

Stop



7. Supplementary Activity**8. Conclusion**

Besides simply coding, I learned further on how to make pseudocodes and flowcharts for coding. Pseudocodes is important for coding as it provides a step on coding steps. It will clarify us on what code language we would use so that we will code our project properly. Flowcharts will visualize the pseudocodes so that we can fully understand the steps on what language we will use in coding our projects. Overall, this activity recalled me on pseudocodes and flowcharts.