Activity No. 1.1	
Flowcharting and Application of Pseudo codes	
Course Code: CPE007	**Program:** Computer Engineering
Course Title: Programming Logic and Design	**Date Performed:** 8/28/2025
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6. Output	

1.Changing Pin
Pseudo Code :

```
START
    INPUT oldPIN
    IF oldPIN = = storedPIN THEN
        INPUT newPIN
        INPUT confirmPIN
        IF newPIN = confirmPIN THEN
            storedPIN = newPIN
            DISPLAY "PIN has successfully changed."
        ELSE
            DISPLAY "PIN does not match."
        ENDIF
    ELSE
        DISPLAY "INCORRECT old PIN."
    ENDIF
END
```
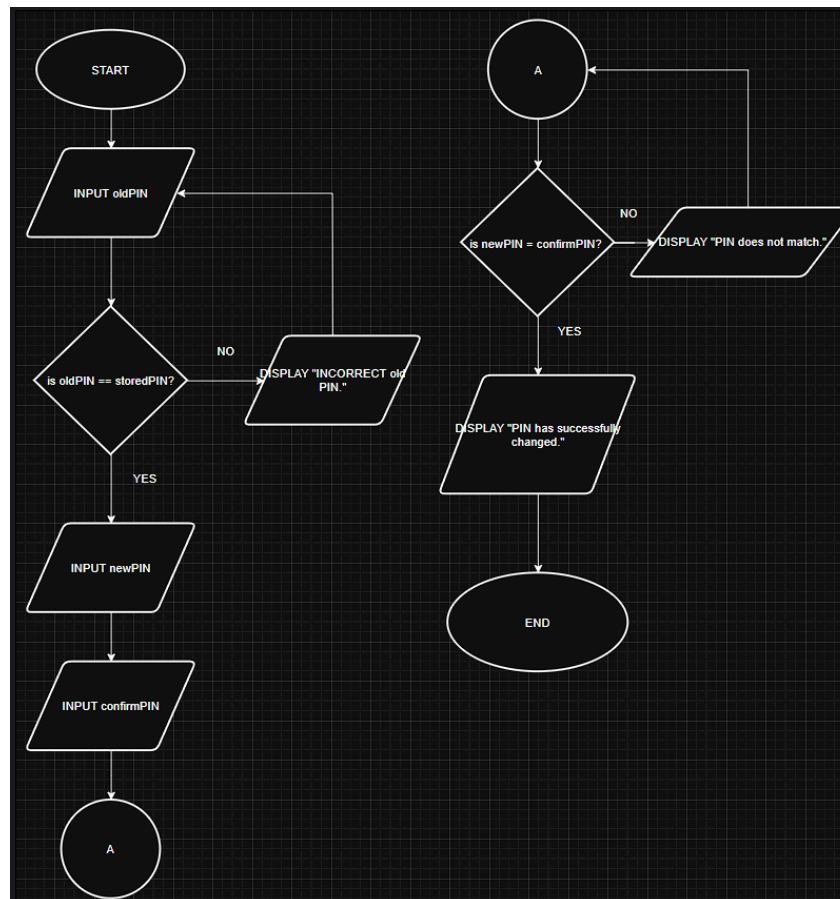
Flowchart :

2.Withdraw
Pseudo Code :

```
START
    INPUT amount
    IF amount <= balance THEN
        balance = balance - amount
        DISPENSE cash(amount)
        DISPLAY "Please take your cash."
    ELSE
        DISPLAY "Insufficient funds."
    ENDIF
END
```
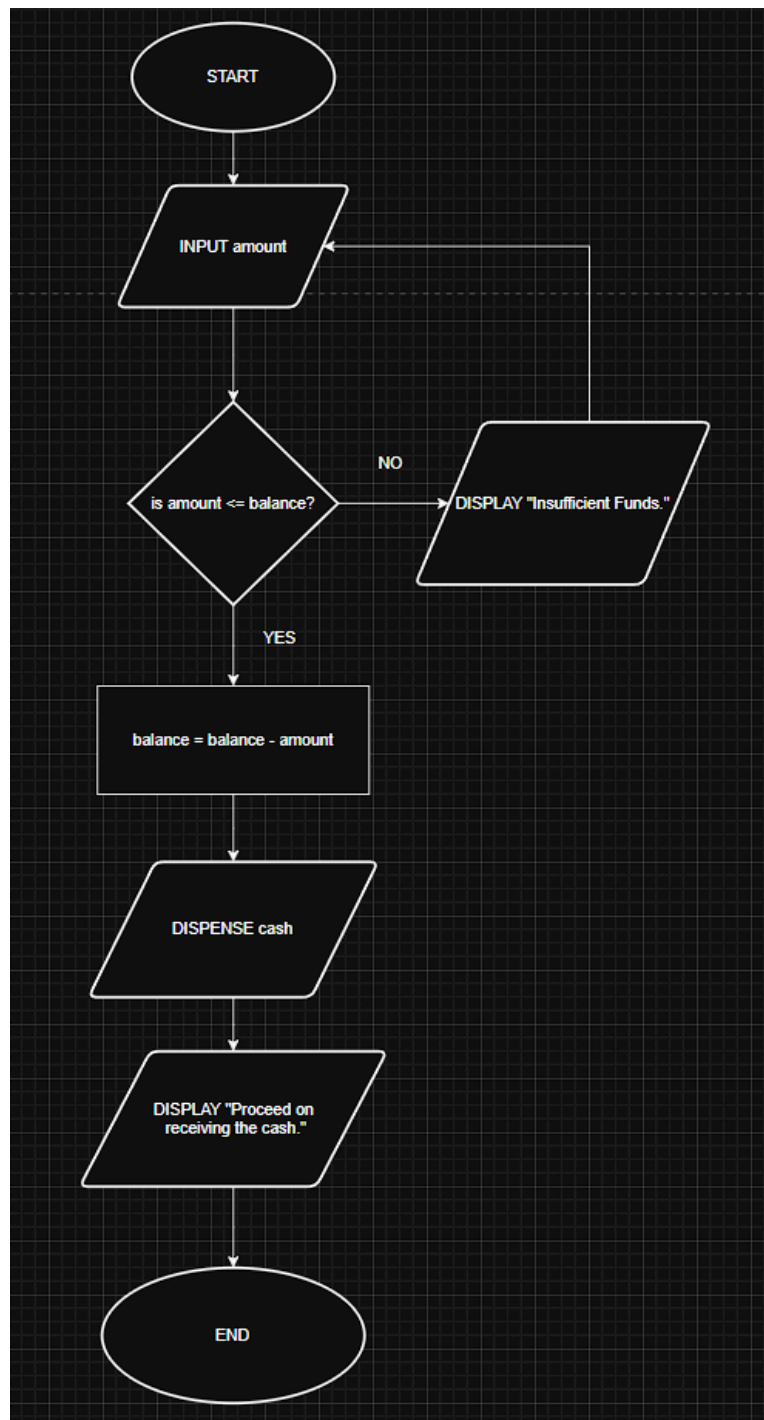
Flowchart :

3. Deposit
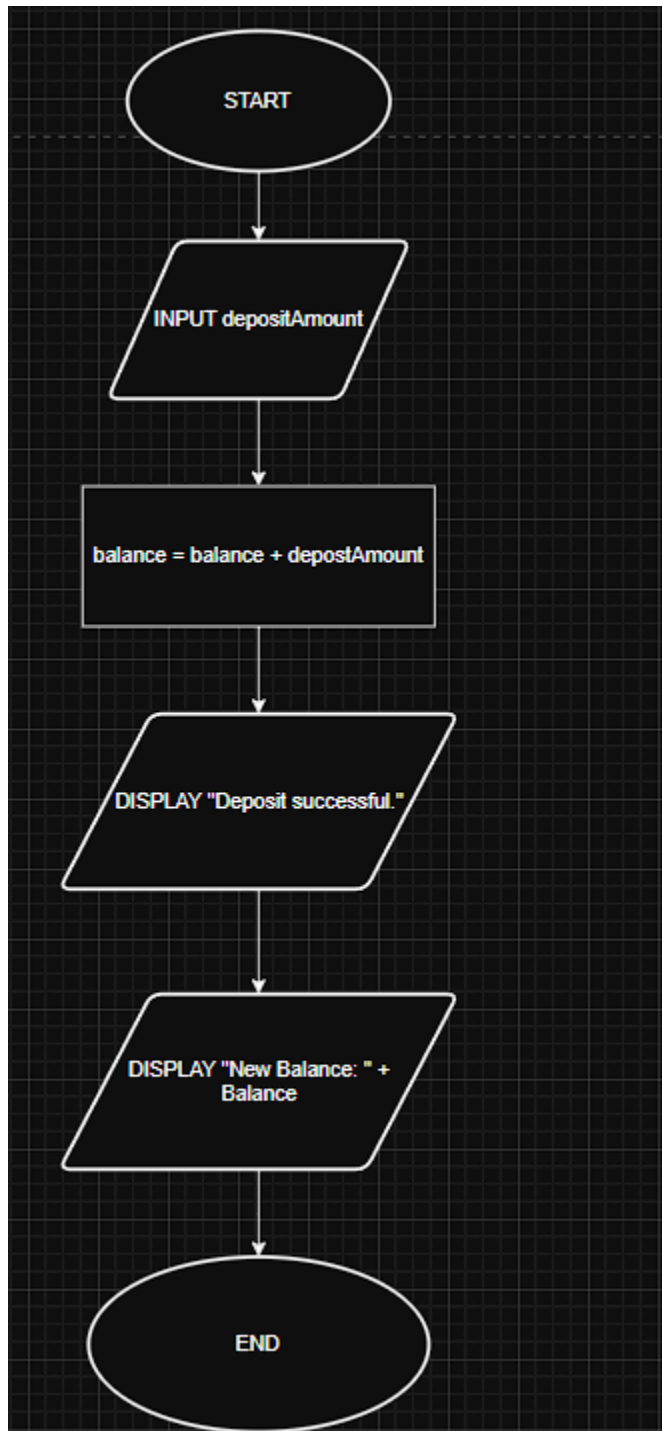Pseudo Code :

```
START
    INPUT depositAmount
    balance = balance + depositAmount
    DISPLAY "Deposit successful"
    DISPLAY "New Balance: " + balance
END
```

Flowchart :

4. Fund Transfer
Pseudo Code :

```
START
    INPUT targetAccount
    INPUT transferAmount
    IF transferAmount <= balance THEN
        balance = balance - transferAmount
        targetAccount.balance = targetAccount.balance + transferAmount
        DISPLAY "Transfer successful to Account " + targetAccount
    ELSE
        DISPLAY "Insufficient funds for transfer"
    ENDIF
END
```
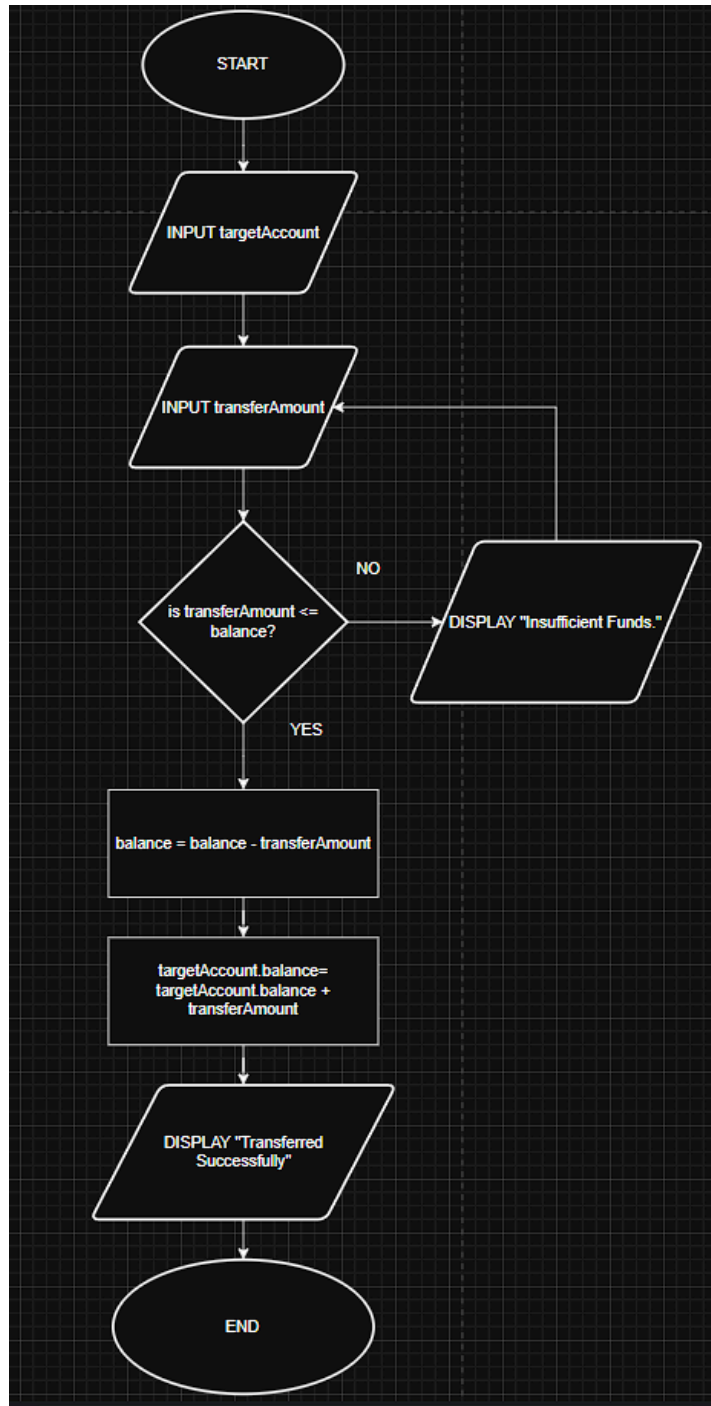
Flowchart :

7. Supplementary Activity

8. Conclusion
Making these flowcharts and pseudocodes is really helpful because they give a clear step-by-step guide on how ATM functions actually work, making it easier to understand the logic behind real-life systems. It's beneficial for me as a student since it trains my mind to think logically and break down problems into smaller, manageable parts.