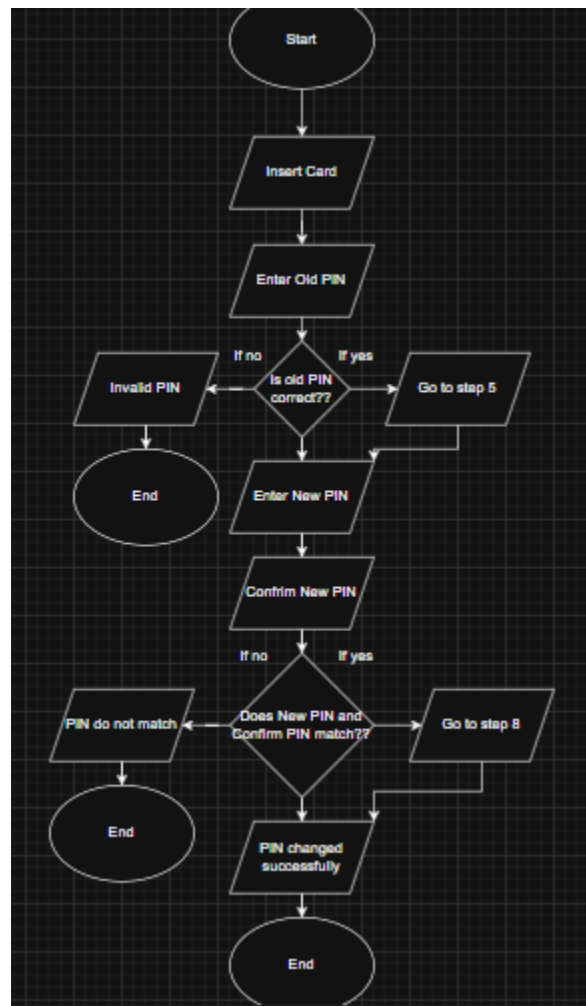


Activity No. 1.1	
Flowcharting and Application of Pseudo codes	
Course Code: CPE007	Program: Computer Engineering
Course Title: Flowcharting and Application of Pseudo codes	Date Performed: 8/28/25
Section: CPE11S1	Date Submitted: 8/28/25
Name(s): RAMIREZ, ANGEL MAE C.	Instructor: Engr. Jimlord Quejado

6. Output

1. CHANGING PIN



PSUEDO CODE:

Start

Insert Card

Enter Old PIN

Is Old PIN correct??

If No > Show "Invalid PIN"

End

If Yes > Enter New PIN

Confirm New PIN

Does New PIN and Confirm PIN match??

If No > Display "PIN do not match"

End

If Yes > Update PIN

Display "PIN changed successfully"

End

End

2. WITHDRAW



PSUEDO CODE:

Start

Insert Card

Enter PIN

Is PIN correct??

If No > Show "Invalid PIN"

End

If Yes > Choose type of transaction

Select "Withdraw"

Enter amount

Is the amount greater than balance??
If Yes > Show "Insufficient fund"
End
If No > Deduct amount from balance (Go to step 9)
Give the money
Show "Withdrawal Successful"
End

End

3. DEPOSIT



PSUEDO CODE:

Start
Insert Card
Enter PIN

Is PIN correct??
If No > Show "Invalid PIN"
End
If Yes > Enter Amount
Insert Cash
Balance = balance + amount
Show "Deposit Successful"
End

End

4.FUND TRANSFER



PSUEDO CODE:

Start

Insert Card

Enter PIN

Is PIN correct??

If No > Show "Invalid PIN"

End

If Yes > Enter Recipient Account

Enter Amount

Is Amount greater than Balance??

If Yes > Show "Insufficient Funds"

End

If No > Balance = balance - amount

Recipient Balance = Recipient Balance + Amount

Show "Transfer Successful"

End

End

7. Supplementary Activity

8. Conclusion

In this activity i definitely got familiarized more with flowcharts and psuedo codes not like before where i had no idea how to make one, and submitted the wrong stuff. This activity helped me improve more on creating psuedocodes and flow charts.

9. Assessment Rubric

Rubric for SO 7 (7)							
Criteria	Ratings						Pts
SO 7 PI 1 ILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	6 pts Excellent Educational interests and pursuits exist and flourish outside classroom requirements, knowledge and/or experiences are pursued independently and applies knowledge learned into practice	5 pts Good Educational interests and pursuits exist and flourish outside classroom requirements, knowledge and/or experiences are pursued independently	4 pts Satisfactory Look beyond classroom requirements, showing interest in pursuing knowledge independently	3 pts Unsatisfactory Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently	2 pts Poor Relies on classroom instruction only	1 pts Very Poor No initiative or interest in acquiring new knowledge	6 pts
SO 7 PI 2 ILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	6 pts Excellent Completes an assigned task independently and practices continuous improvement	5 pts Good Completes an assigned task without supervision or guidance	4 pts Satisfactory Requires minimal guidance to complete an assigned task	3 pts Unsatisfactory Requires detailed or step-by-step instructions to complete a task	2 pts Poor Shows little interest to complete a task independently	1 pts Very Poor No interest to complete a task independently	6 pts
SO 7 PI 3 ILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	6 pts Excellent Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions	5 pts Good Evaluate information from a variety of sources; formulates a clear and precise perspective.	4 pts Satisfactory Analyze information from a variety of sources; formulates a clear and precise perspective.	3 pts Unsatisfactory Apply the gathered information to formulate the problem	2 pts Poor Gather and summarized the information from a variety of sources but failed to formulate the problem	1 pts Very Poor Gather information from a variety of sources	6 pts
SO 7 PI 4 ILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. threshold: 4.8 pts	6 pts Excellent Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.	5 pts Good Ideas are creative and adapt the new knowledge to solve a problem or address an issue	4 pts Satisfactory Ideas are creative in solving a problem, or address an issue	3 pts Unsatisfactory Shows some creative ways to solve the problem	2 pts Poor Shows initiative and attempt to develop creative ideas to solve the problem	1 pts Very Poor Ideas are copied or restated from the sources consulted	6 pts