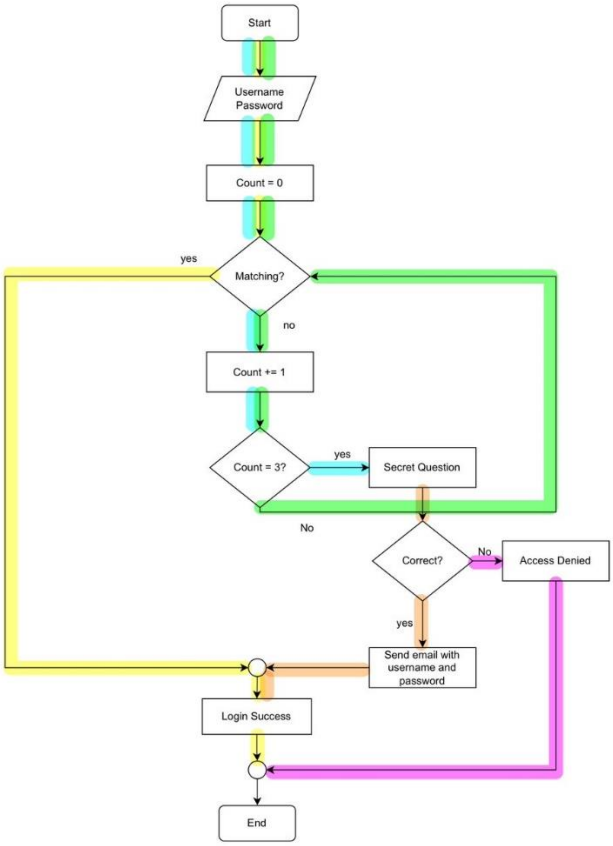
Question 1

Test Case	Input	Expected Results	Coverage
Login with matching username and password	Matching Username and Password	Login Successfully	Yellow
Login with non-matching username and password for the first two times	Non-Matching Username and Password	Try again (Cleared Input) Count + = 1 (until three times)	Green
Login with non-matching username and password for the third time	Non-Matching Username and Password	Secret Question shown (Count = 3)	Blue
Answer the security question correctly	Correct Answer	Login and send email of the login credentials	Orange
Answer the security question incorrectly	Wrong Answer	Access Denied	Purple



Pseudo Code

username = "abcd"

password = 1234

count = 3

var1 = READ username

var2 = READ password

WHILE count is 3

IF var1 & var2 both doesnt match username & password

    count = count - 1

    continue

IF count deduct and equal to 0

    secret question will be gives out to user (input)

    IF secret question is correct

        login info is sent to user's email, end here

    ELSE

        break

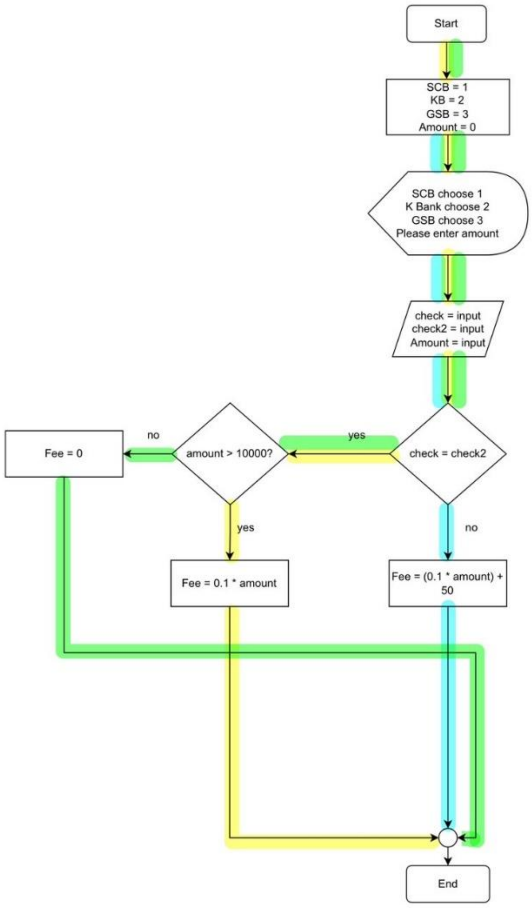
"Access is granted"

END

Question 2

Test Case	Input	Expected Results	Coverage
Bank transfer between the same provider that does exceeds 10K baht.	Check1 = 1 Check2 = 1 Amount > 10K	Fee = 1% of amount	Yellow
Bank transfer between the same provider that does not 10K baht	Check1 = 1 Check2 = 1 Amount < 10K	Fee = 0	Green
Bank transfer between different provider with	Check1 = 1 Check2 = 2	Fee = 1% of amount and 50 baht	Blue

any amount of money	Amount = Any		



Pseudo Code

Starting Money transfer

IF same bank and amountTHB > THB10,000:

fee charge 1%

IF same bank and amountTHB < THB10,000:

fee charge is none

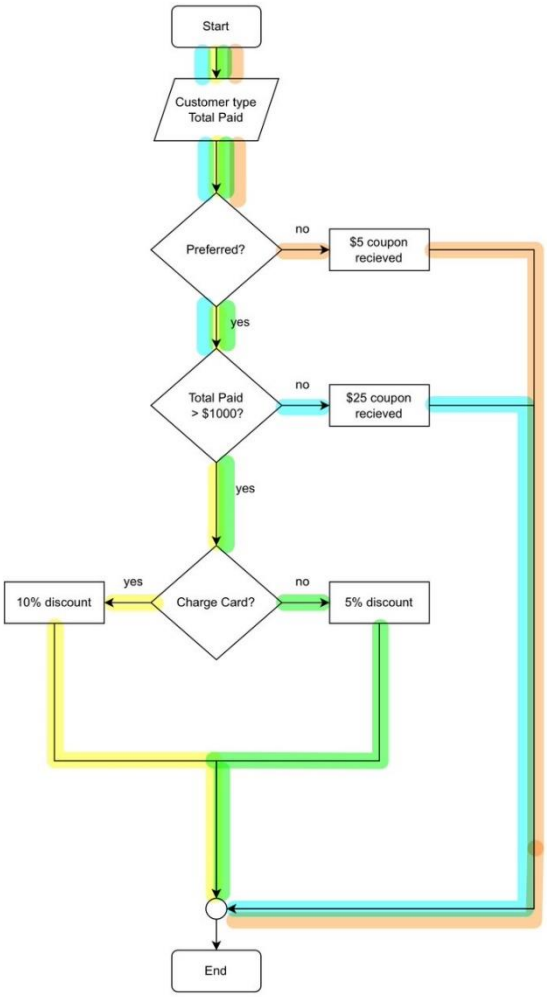
IF different bank:

fee charge 1% + THB50

END

Question 3

Test Case	Input	Expected Results	Coverage
Preferred customer with charge card and an order that exceeds $10K	Preferred Customer with charge card, Total Paid > 10K	10% discount	Yellow
Preferred customer with no charge card and an order that exceeds $10K	Preferred Customer with no charge card, Total Paid > 10K	5% discount	Green
Preferred customer that has an order that is lesser than $10K	Preferred Customer, Total Paid < 10K	$25 discount coupon	Blue
Normal customer with an order of any total cost	Preferred Customer, Total Paid = Any	$5 discount coupon	Purple



Pseudo Code

READ Customer & payment from ordering

IF Customer is preferred:

receive $25 discount

IF Customer ordering > $1000:

receive 5% discount

IF Customer used charge card:

receive additional 5% discount

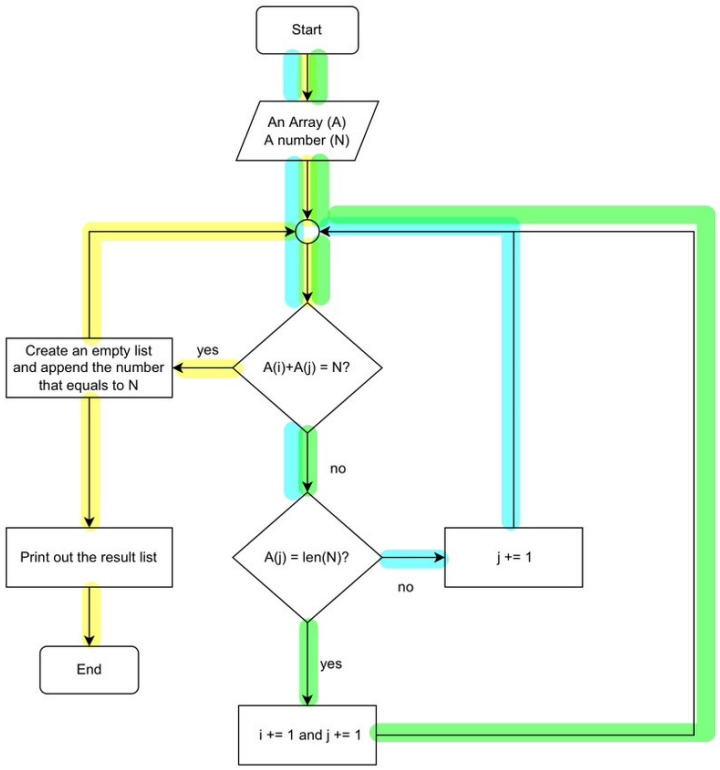
ELSE:

receive $5 discount

END

Question 4

Test Case	Input	Expected Results	Coverage
Even numbers in both list A and N.	A = [0,2,4,6,8] N = 6	[2,4] [0,6]	Yellow
No combinations of pairs that adds up to N	A = [1,2,3,4,5,6] N = 12	None	Green
Single element array and any number of N	A = [1] N = 1	None	Blue
Same numbers in list A and any number of N	A = [1,1,2,2,3,3] N = 5	[2,3]	Yellow
Empty Array and any number of N	A = [] N = 10	None	Blue



Pseudo Code

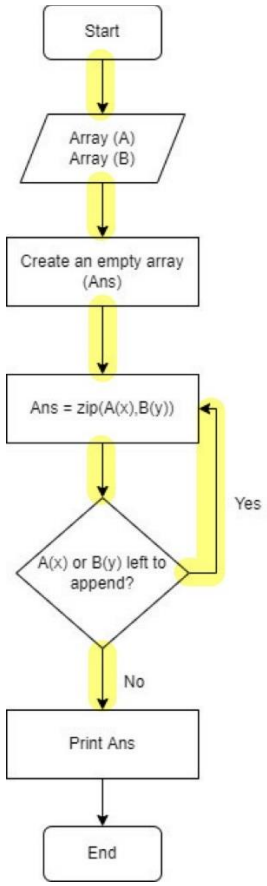
Array = [#number from 1-9]

INPUT a desire number in N variable

```
FOR i in range(len(Array) – 1):
    FOR j in range(i + 1, len(Array)):
        IF Array[i] + Array[j] == int(N):
            print (Array[i], Array[j])
        ELSE:
            print (“No pair found!”)
END
```

Question 5

Test Case	Input	Expected Results	Coverage
Array (A) index count is the same as Array (B)	A – [1,2,3,4] B – [a,b,c,d]	Ans – [1,a,2,b,3,c,4,d]	Yellow
Array (A) index count is longer than (B)	A – [1,2,3,4,5] B – [a,b,c,d]	Ans – [1,a,2,b,3,c,4,d]	Yellow
Array (A) index count is shorter than (B)	A – [1,2,3] B – [a,b,c,d]	Ans – [1,a,2,b,3,c]	Yellow



Pseudo Code

5. Combine two list alternatively

A: [any numerical/alphabetical elements]

B: [any numerical/alphabetical elements]

Ans: [] (empty array)

FOR x, y in zip(A, B):

    Appending value in empty list Ans with listed x, y index value

Display all the appended value output

END