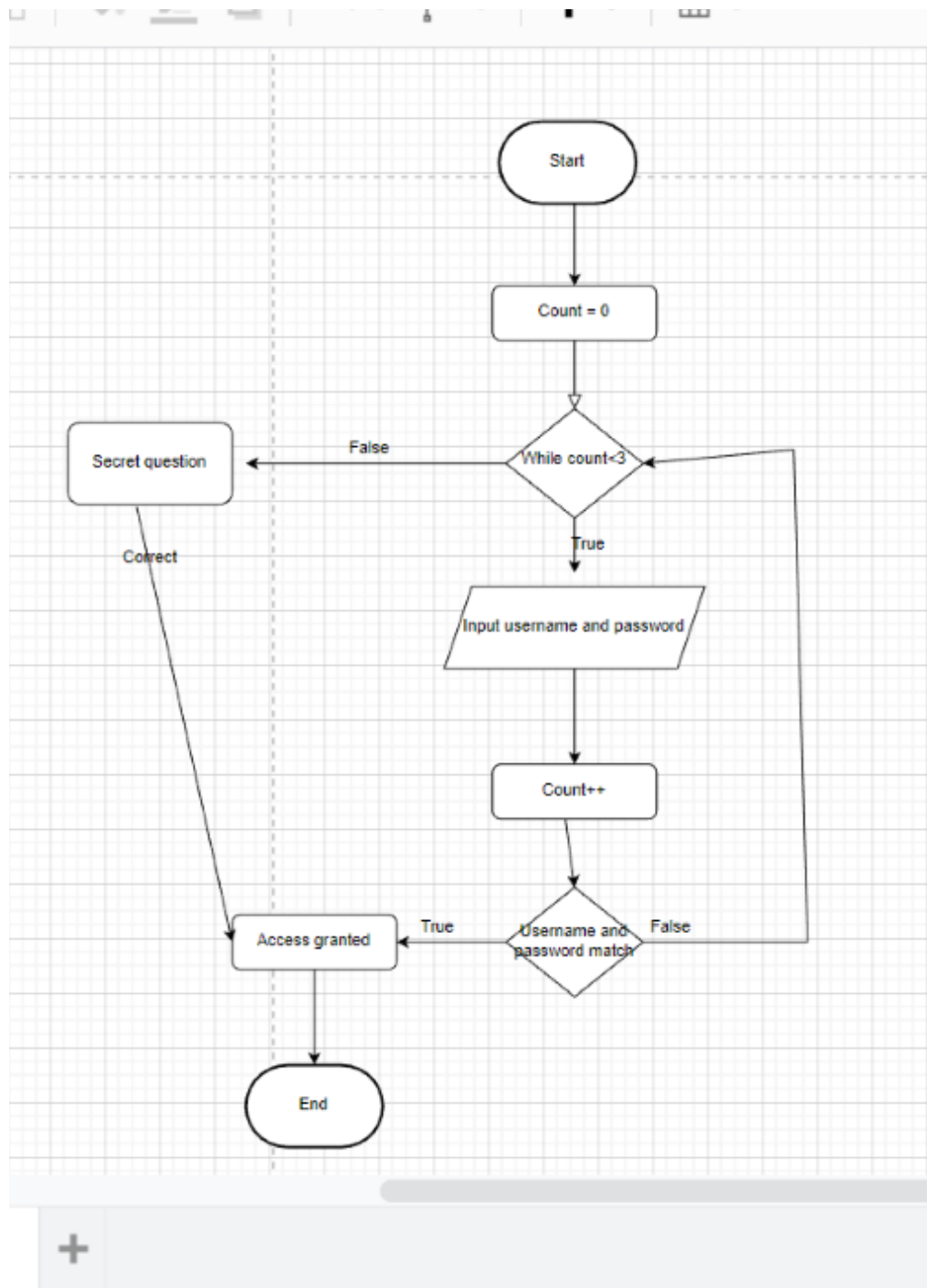


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Name here

1.



Pseudo code

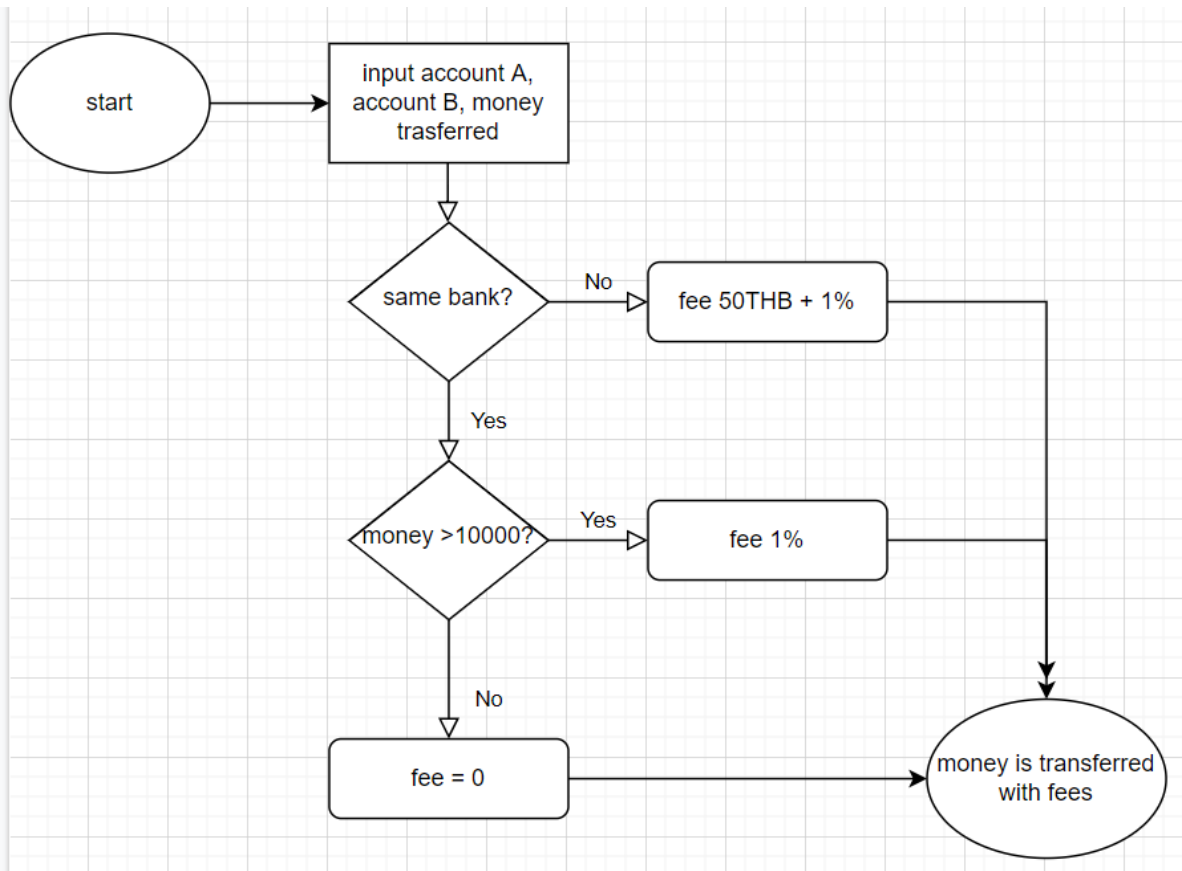
START

```
1    Count = 0
2    While count<=3 and access not granted
3        INPUT username and password
4        Count++
5        If input correct
6            Access granted
7    Print secretQuestion
8    INPUT answer
9    If Answer correct
10       Access granted
```

END

Test case	Input	Expected result	Coverage
Username and password matched	Username and password	Access granted	Line 1-6
Unmatched(less than or equal to 3 times)	Username and password	Retry	Line 1-4
Unmatched(more than 3 times)	Username and password	Show secret question	Line 1-4, 7
Matched answer for secret question	Answer for the question	Access granted	Line 7-10

2.



START

```
1  READ money amount
2  READ your bank
3  READ the other bank
4  If same bank
5      If money > 10000
6          Fee = 1% money
7      Else
8          Fee = 0
9  Else
10     Fee = 50THB + 1% money
```

END

Test case	input	Expected results	coverage
Same bank, money is > 10000	Account A bank = Account B bank, money = 10001	Money transferred with 1% fee	Line 1-6
Same bank money is = 10000	Account A bank = Account B bank, money = 10000	Money transferred with no fee	Line 1-8
Same bank money is < 10000	Account A bank = Account B bank, money = 9999	Money transferred with no fee	Line 1-8
Different bank	Account A bank != Account B bank, money = 9999	Money is transferred with 50THB + 1% fee	Line 1-3, 9-10

3.

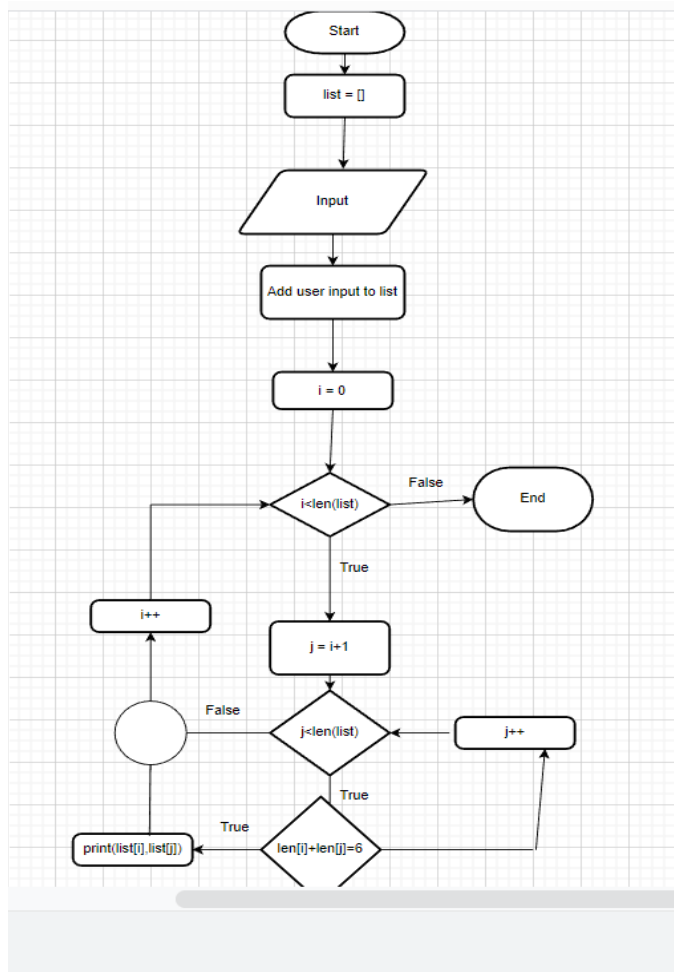


START

```
1   If preferred customer
2       If order>1000 and charge card
3           Discounted value = Order - 5%
4           Extra discount = discounted value - 5%
5           Return extra discount
6           Return discounted value
7       If Order>1000 and no charge card == True
8           Return $25 coupon
9   Else
10      Return $5 coupon
END
```

Test case	Input	Expected result	Coverage
Preferred customer and order > 1000+ charge card		5%+5%additional discount	1-6
Preferred customer and order > 1000		25 dollars coupon	1-8
Not preferred customer		5 dollars coupon	1-10

4.



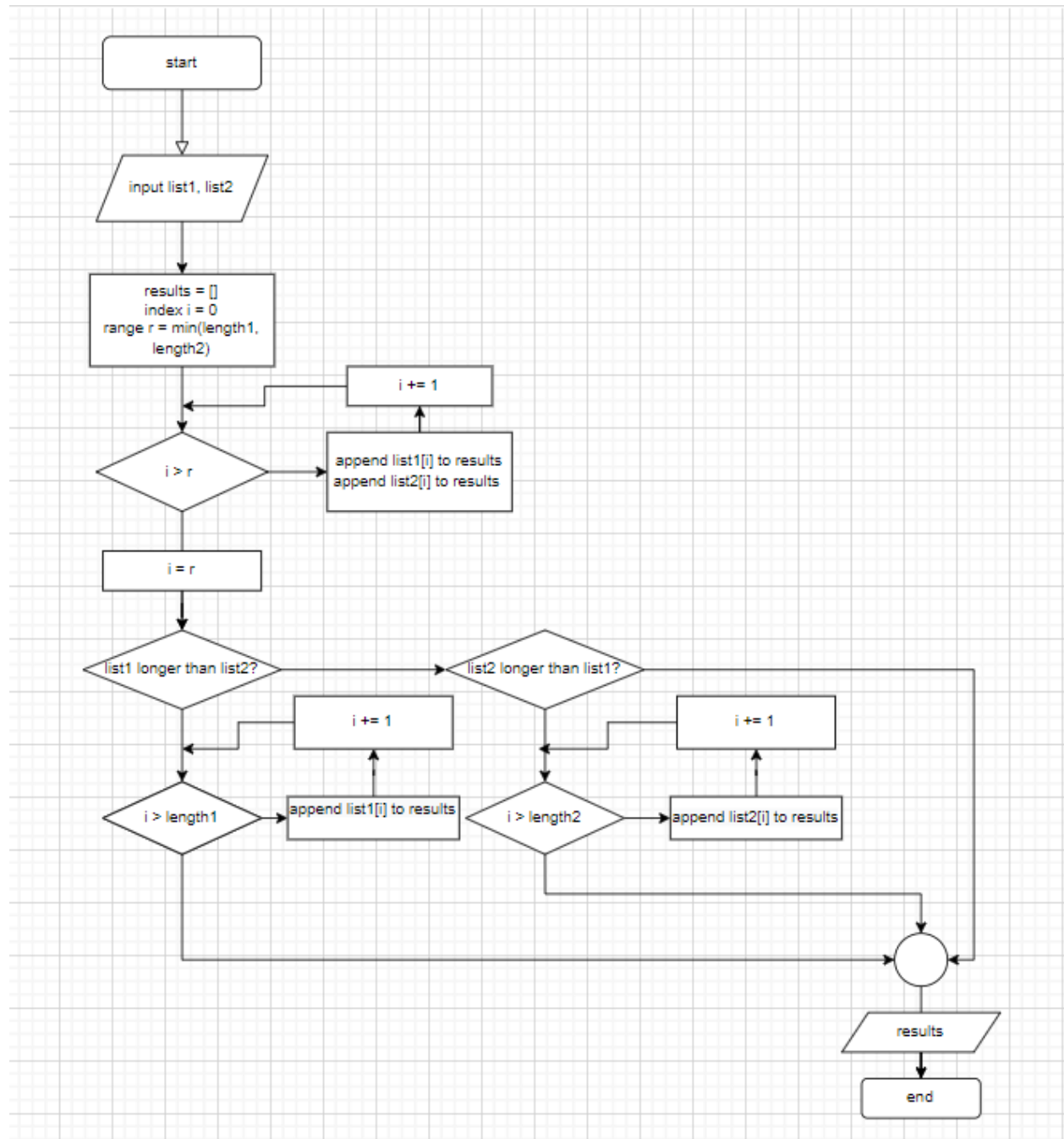
START

```

1  List = []
2  userInput = Input(Numbers)
3  Append userInput to list
4  For i in range(0, len(list))
5      j = i+1
6      while j < len(list)
7          if list[i] + list[j] == 6
8              print(list[i], list[j])
END
  
```

Test case	Inputs	Expected result	Line coverage
Uncommon numbers	[1,2,3,4,5]	[1,5],[2,4]	1-8
No pairs	[1,2,3,4]		1-3
At least one pair of common numbers	[1,2,3,3,4]	[1,5],[2,4],[3,3]	1-8

5.



START

```

1  list1 = [1,2,3,]
2  list2 = [a,b,c]
3  Index i = 0
4  results = []
5  len1 = length of list1
6  len2 = length of list2)
7  Range r = minimum(len1,len2)
8  while i < r:
9      results.append(list1[i])
10     results.append(list2[i])
11     i += 1
12  if len1 > len2:
13      while i < len1:
14          results.append(list1[i])
15          i+=1
16  else:
17      while i < len2:
18          results.append(list2[i])
19          i+=1
20  Return results
END

```

Test case	input	Expected results	coverage
List same length	List1 = [1,2,3] List2 = [a,b,c]	[1,a,2,b,3,c]	Line 1-11, 20
Length list1 > length list 2	List1 = [1,2,3,4,5] List2 = [a,b,c]	[1,a,2,b,3,c,4,5]	Line 1-15, 20
Length list1 > length list 2	List1 = [1,2,3] List2 = [a,b,c,d,e]	[1,a,2,b,3,c,d,e]	Line 1-11, 16-20

