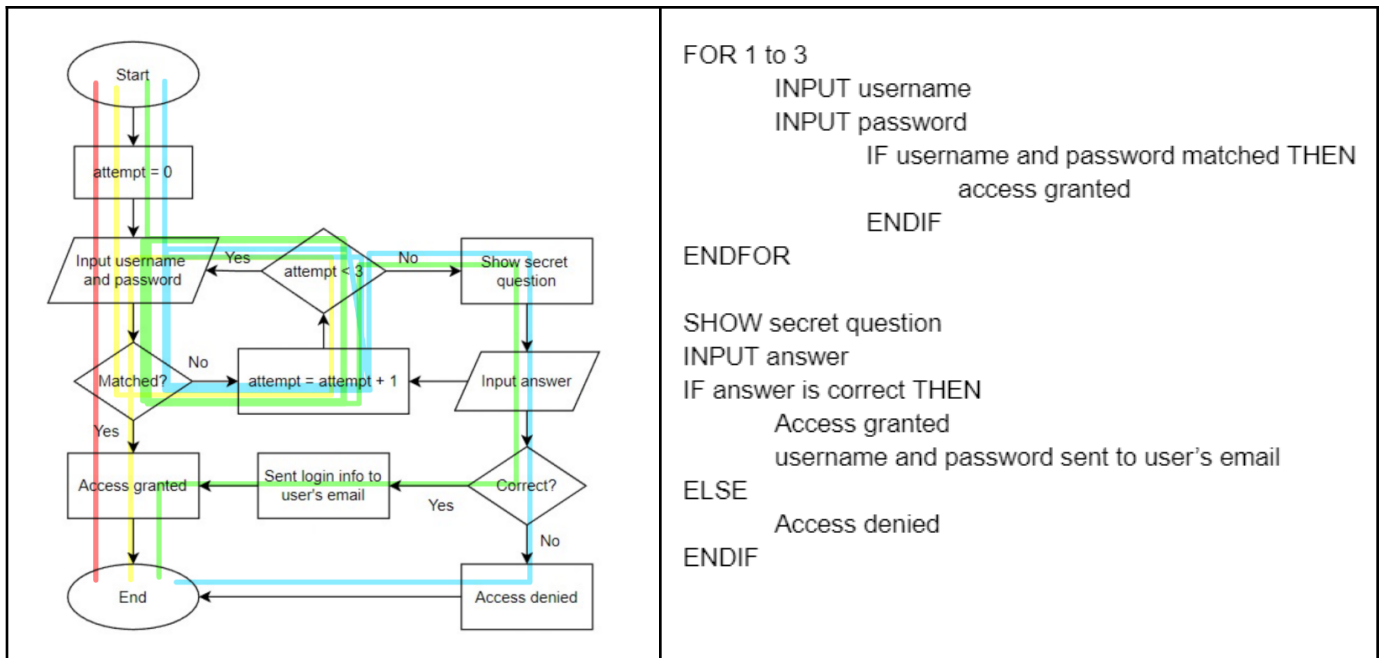


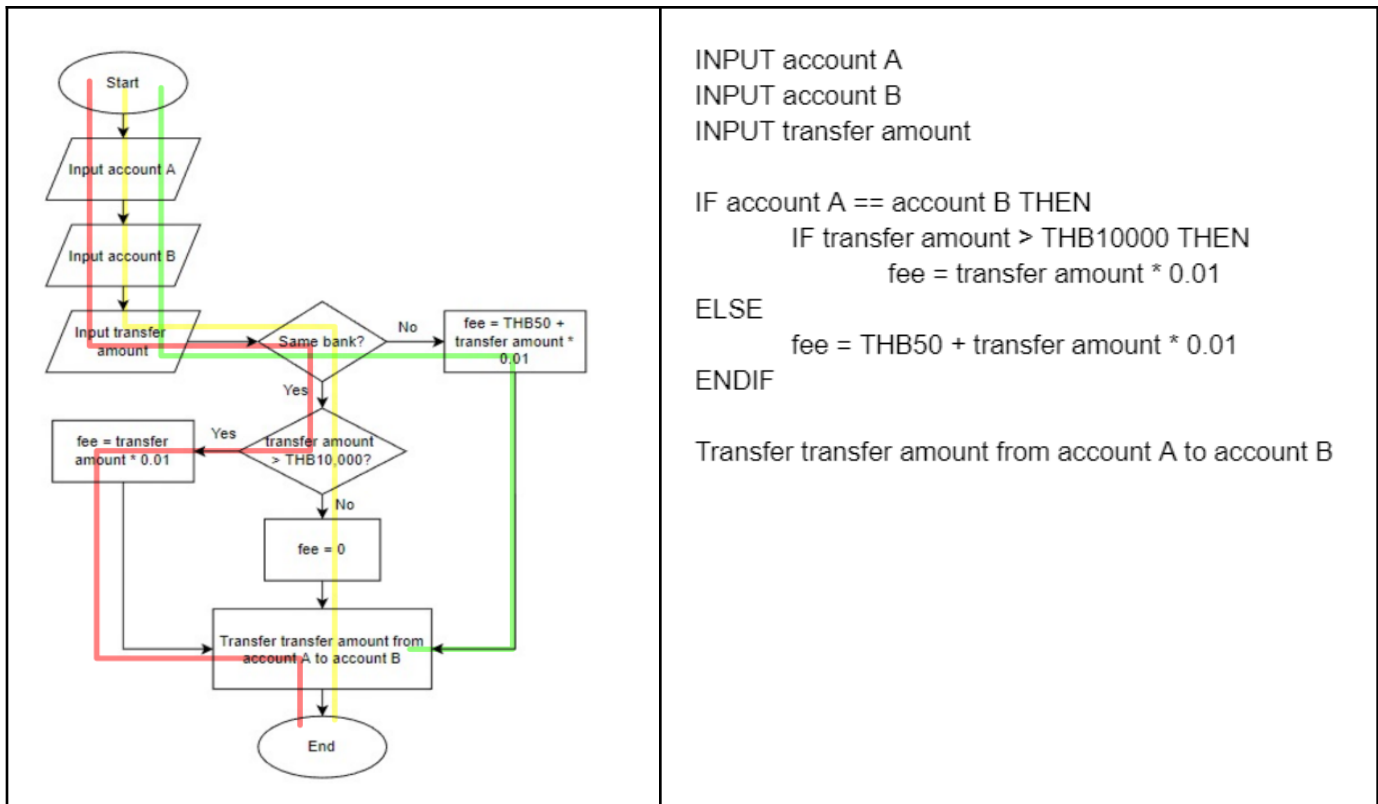
1. Login attempt



* assume that the correct username is CIE and password is 1234, correct answer to secret question is no

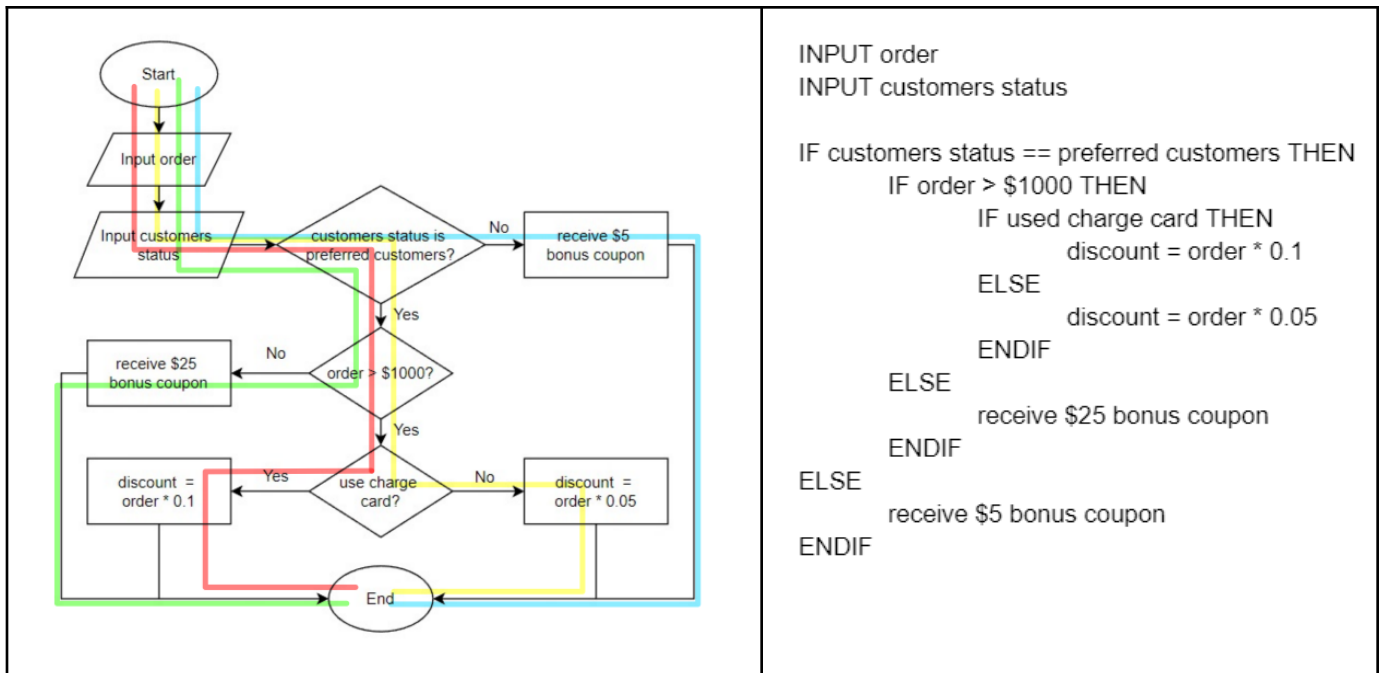
| Test case | Inputs | Expected result | Coverage |
|--|--|---|--|
| Username and password matched within 3 times | - CIE, 1234 | Access granted | Pseudocode lines 1-7 Flowchart red & yellow path |
| Username and password doesn't matched within 3 times but correct answer to secret question | - CEO, 1122 - CIE, 1122 - CIE, 1235 - no | Access granted and login info is sent to user's email | Pseudocode lines 1-12 Flowchart green path |
| Username and password doesn't matched within 3 times and incorrect answer to secret question | - CEO, 1122 - CIE, 1122 - CIE, 1235 - yes | Access denied | Pseudocode lines 1-15 Flowchart blue path |

2. Money transfer



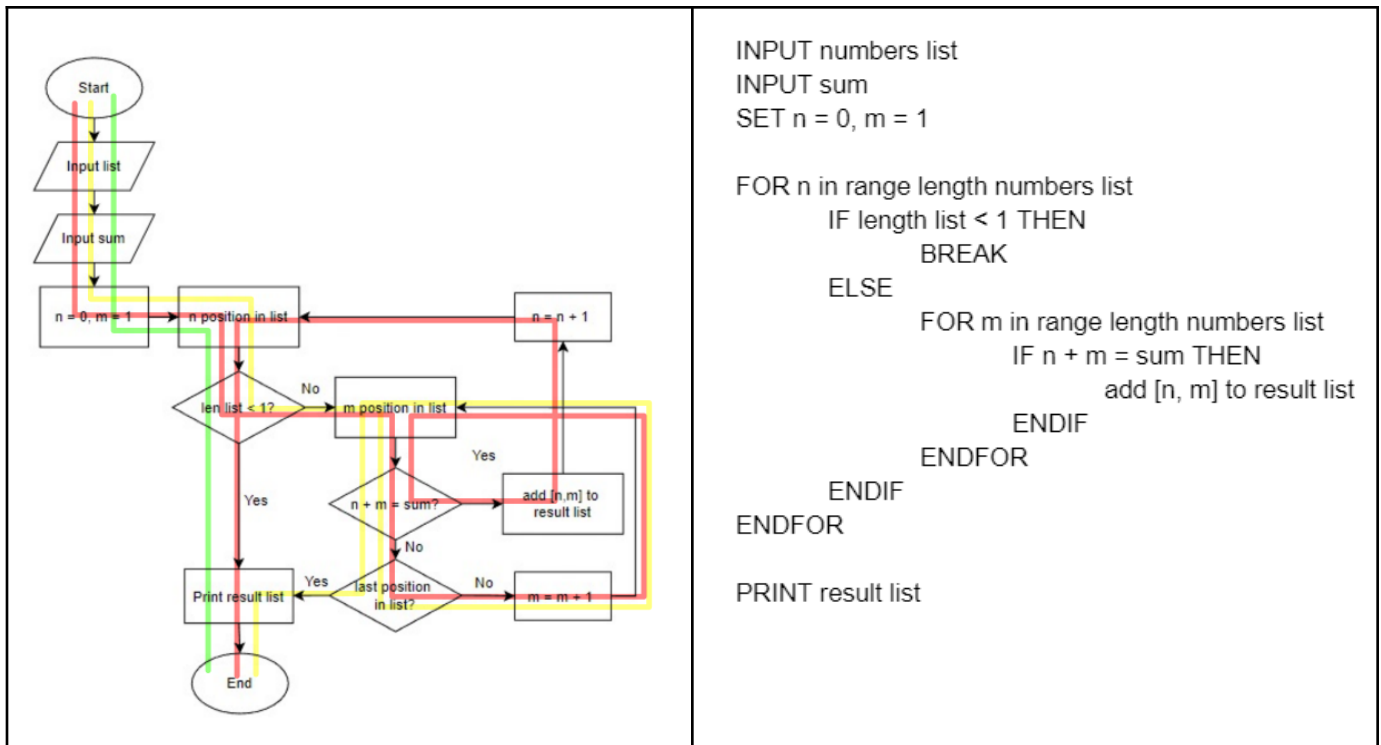
| Test case | Inputs | Expected result | Coverage |
|--|-----------------------------|-----------------|--|
| Account A matched account B and transfer amount more than 10,000 | - SCB - SCB - 12,000 | Fee = 120 | Pseudocode lines 1-6 Flowchart red path |
| Account A matched account B and transfer amount less than 10,000 | - SCB - SCB - 5,000 | Fee = 0 | Pseudocode lines 1-6 Flowchart yellow path |
| Account A doesn't matched account B | - SCB - KBANK - 9,000 | Fee = 140 | Pseudocode lines 1-9 Flowchart green path |

3. Sales promotion



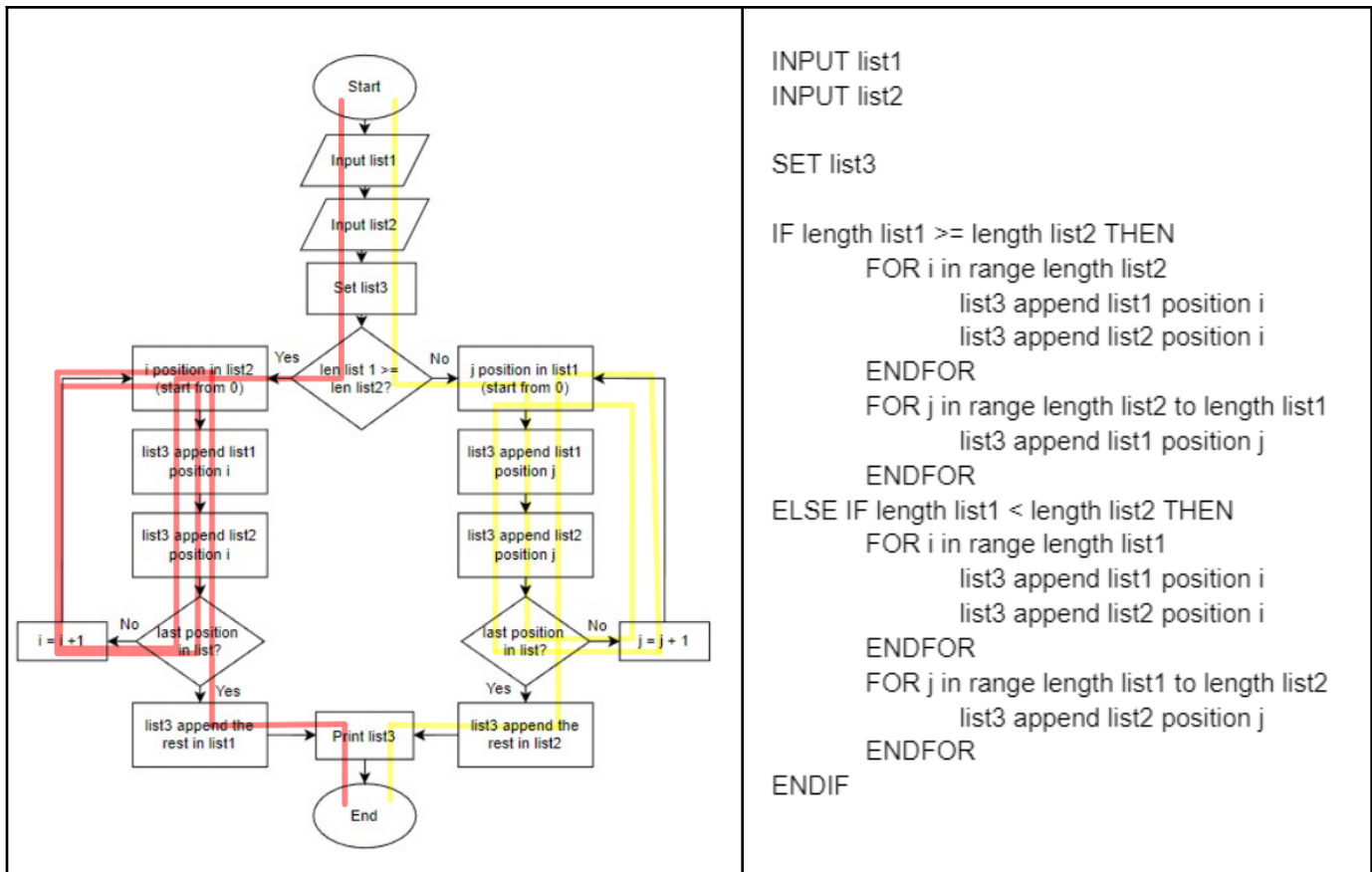
| Test case | Inputs | Expected result | Coverage |
|--|---|-----------------------|--|
| Preferred customer and order more than \$1,000 and also use charge card | <ul style="list-style-type: none"> \$1,299 Preferred customers Use charge card | Discount = \$129.9 | Pseudocode lines 1-5 Flowchart red path |
| Preferred customer and order more than \$1,000 but doesn't use charge card | <ul style="list-style-type: none"> \$1,099 Preferred customers Doesn't use charge card | Discount = \$54.95 | Pseudocode lines 1-7 Flowchart yellow path |
| Preferred customer and order less than or equal to \$1000 | <ul style="list-style-type: none"> \$999 Preferred customers | Get \$25 bonus coupon | Pseudocode lines 1-9 Flowchart green path |
| Not a preferred customers | <ul style="list-style-type: none"> \$500 Regular customers | Get \$5 bonus coupon | Pseudocode lines 1-13 Flowchart blue path |

4. Find all pairs of numbers in a given list that sum to a given value



| Test case | Inputs | Expected result | Coverage |
|-----------------------------|------------------------|-----------------|---|
| Uncommon numbers in list | - [1,3,5,7,9] - 10 | [1,9], [3,7] | Pseudocode lines 1-11 Flowchart red path |
| Some common numbers in list | - [1,2,4,4,6,8] - 8 | [2,6], [4,4] | Pseudocode lines 1-11 Flowchart red path |
| No pairs | - [2,4,6,8,10] - 7 | | Pseudocode lines 1-11 Flowchart yellow path |
| 1 number in list | - [1] - 2 | | Pseudocode lines 1-9 Flowchart green path |

5. Combine two lists by alternately taking elements



| Test case | Inputs | Expected result | Coverage |
|--|--------------------------------|-----------------------|---|
| Same numbers of elements between two lists | - [1,2,3,4,5] - [a,b,c,d,e] | [1,a,2,b,3,c,4,d,5,e] | Pseudocode lines 1-11 Flowchart red path |
| List1 have more elements than list2 | - [1,2,3,4,5] - [a,b,c] | [1,a,2,b,3,c,4,5] | Pseudocode lines 1-11 Flowchart red path |
| List2 have more elements than list1 | - [1,2,3] - [a,b,c,d,e] | [1,a,2,b,3,c,d,e] | Pseudocode lines 1-3, 12-18 Flowchart yellow path |