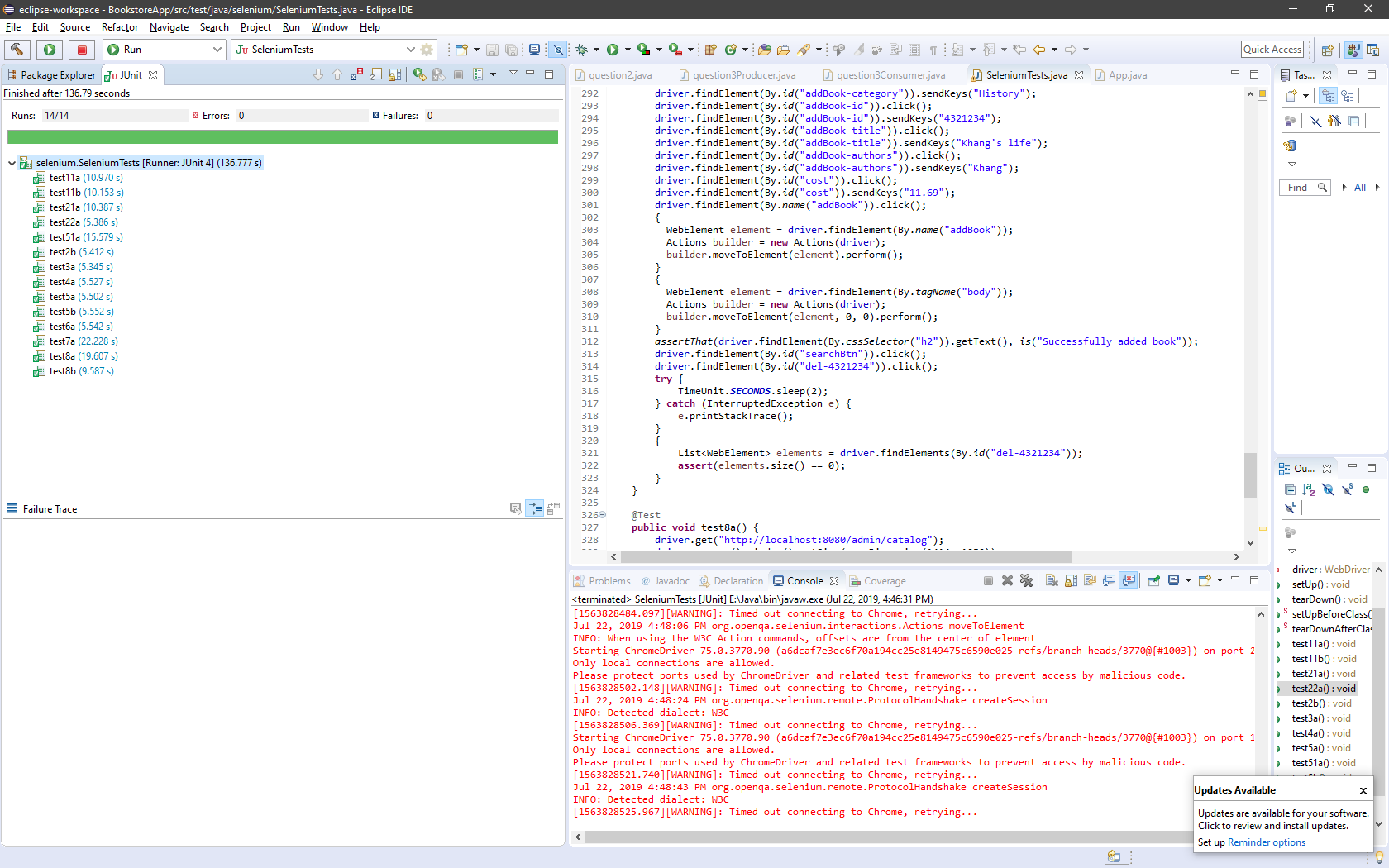
Khang Nguyen 300007277

Pascal Marleau-Proulx 300034507

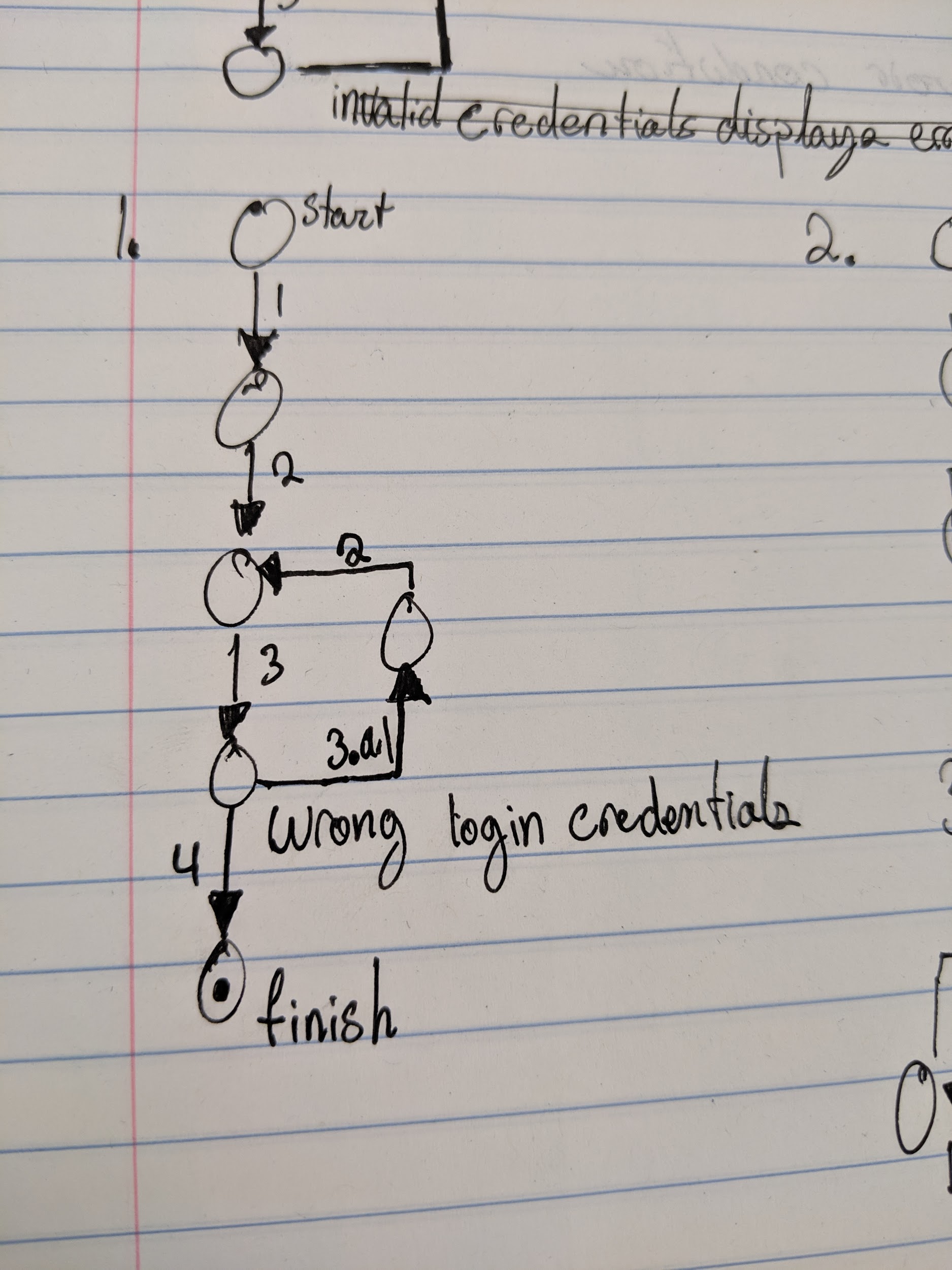
Q1. (rouge pour negatif)

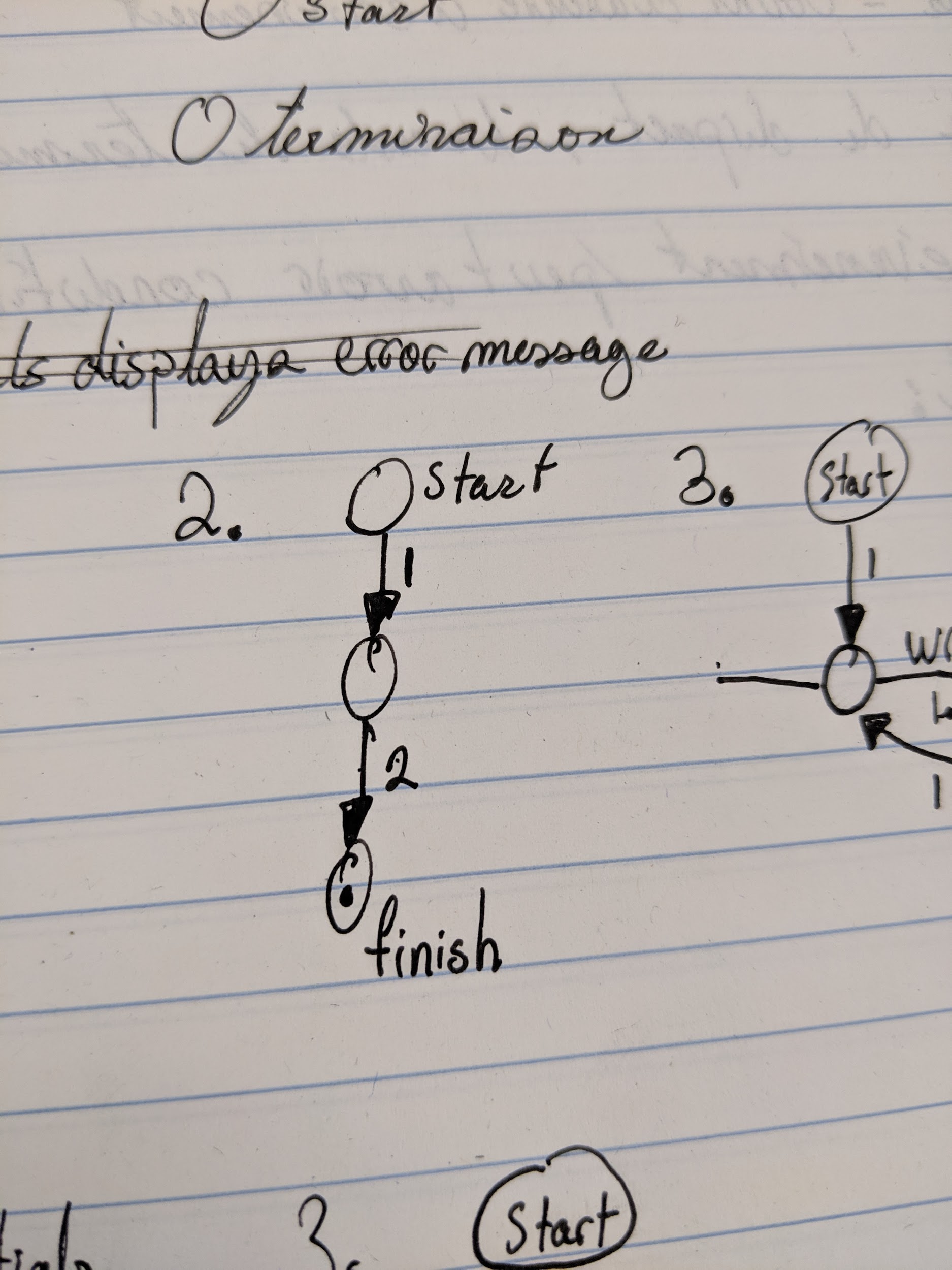
|  |  |  |
| --- | --- | --- |
| **Numéro de cas de test** | **Données de test** | **résultats escomptés** |
| F1.1a | Category = “History”  Book id = “4321234”  Title = “Khang’s life”  Author(s) = “Khang”  Cost = “11.69” | “Successfully added book” |
| F1.1b | Category = “History”  Book id = “4321234”  Title = “Khang’s life”  Author(s) = “”  Cost = “11.69” | “Validation errors”  “Missing author(s)” |
| F2.1a | Category = “History” | “Khang’s life” |
| F2.2a | Category = “” | “We currently have the following items in Category ‘’” |
| F2b | Category = “asdf” | “Sorry we do not have any item matching category 'asdf' at this moment” |
| F3a | Click add button | Add is clickable |
| F4a | Click cart button | Tbody is populated |
| F5a | lewis001 = “2” | “$39.90”  Gone if refreshed |
| F5.1a | lewis001 = “0” | “$0.00”  Gone if refreshed |
| F5b | lewis001 = “asdfg” | “$19.95” |
| F6a/F6.1a/F6.2a | Click Checkout (Lewis) | order\_date exists  order\_total exists  order \_date exists  order\_shipping exists |
| F7a | Click Delete | Check if the delete button is still present |
| F8a | Visit <http://localhost:8080/admin/catalog>  Username = “admin”  Password = “password” | See catalog page |
| F8b | Visit <http://localhost:8080/admin/catalog>  Username = “user”  Password = “password” | “Invalid username/password” |

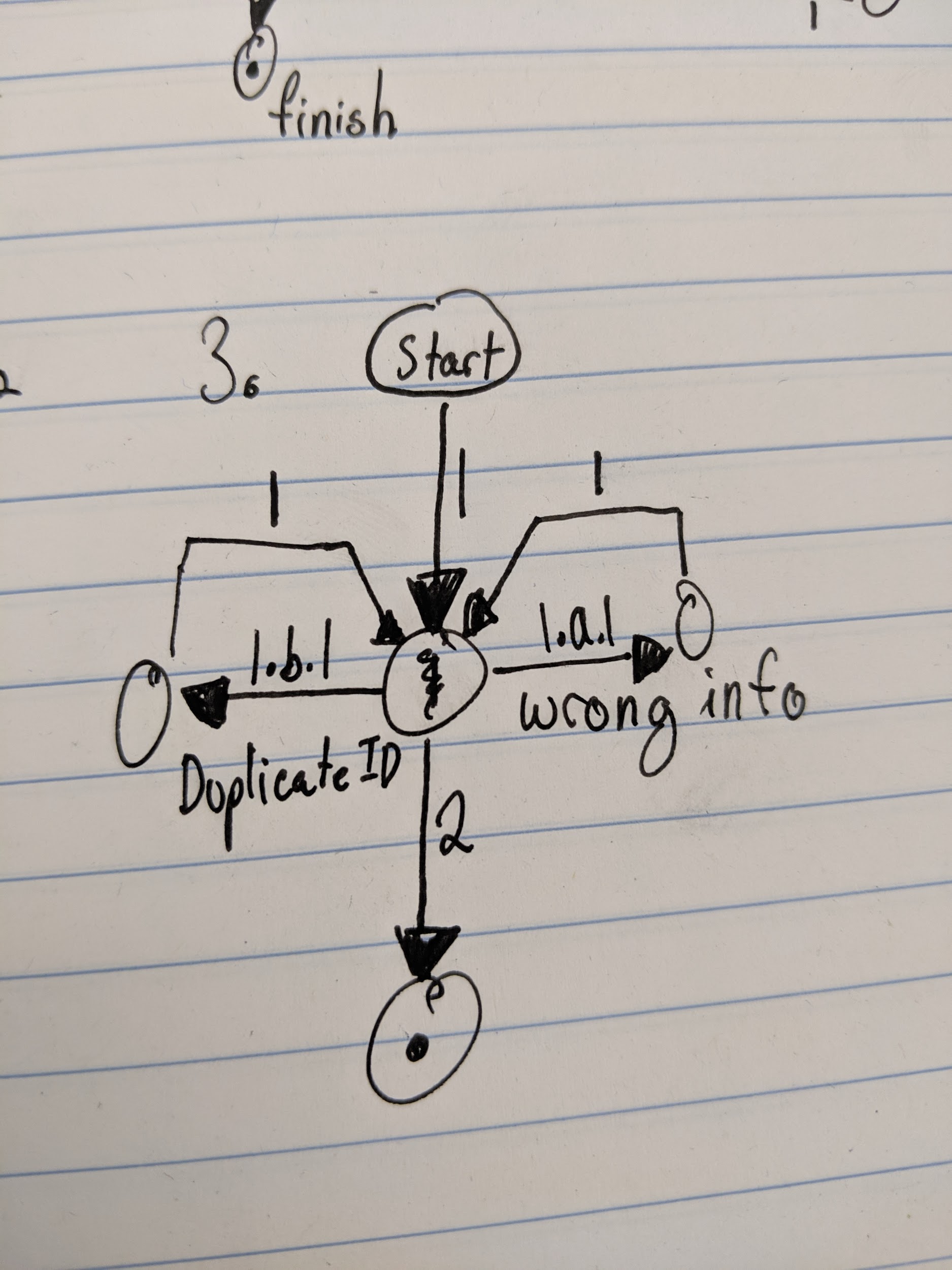


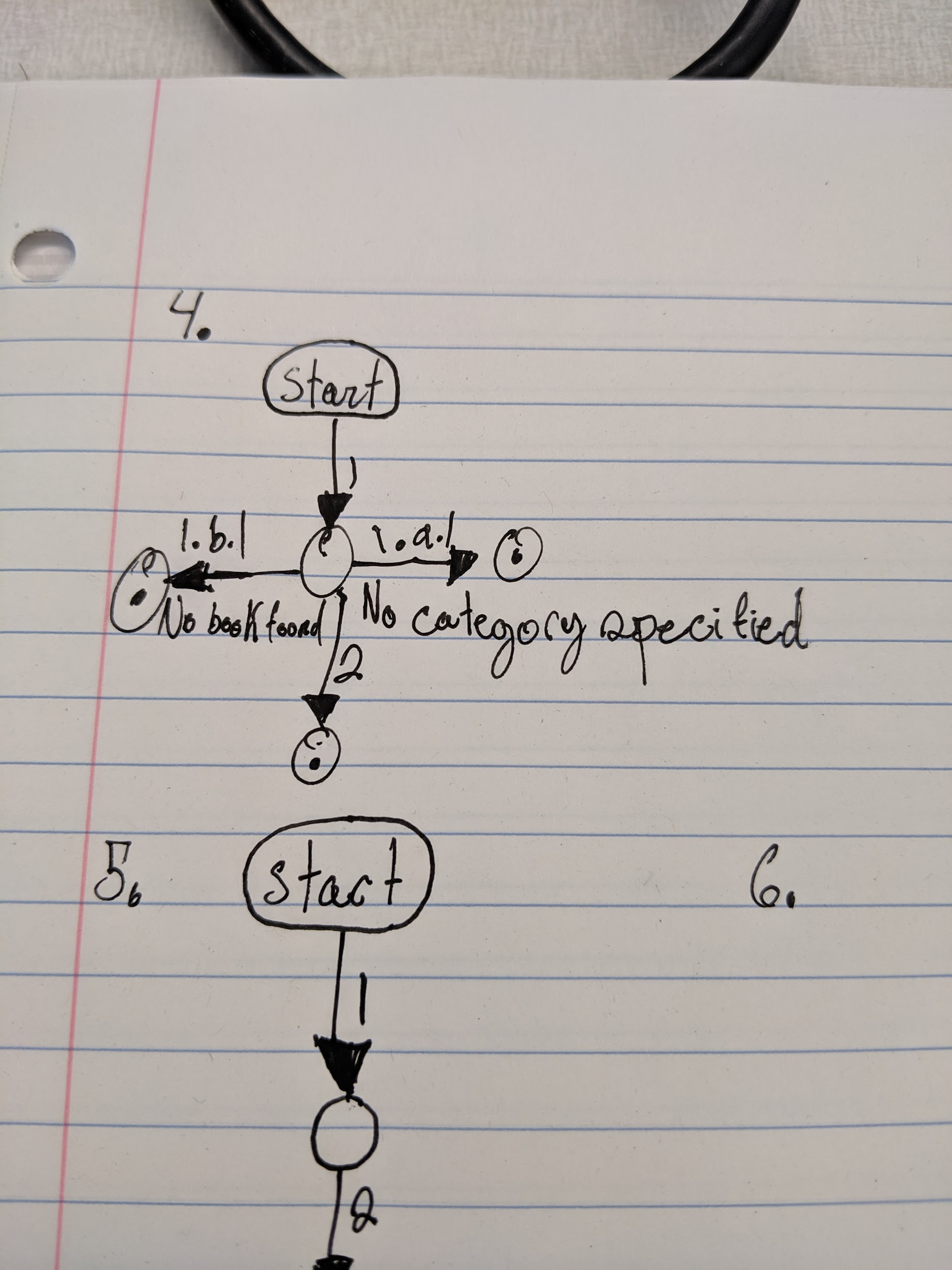
Question 2 (30%)Dérivez des cas de tests selon les cas d'utilisation de la section C. Pour chaque cas d'utilisation, donnez

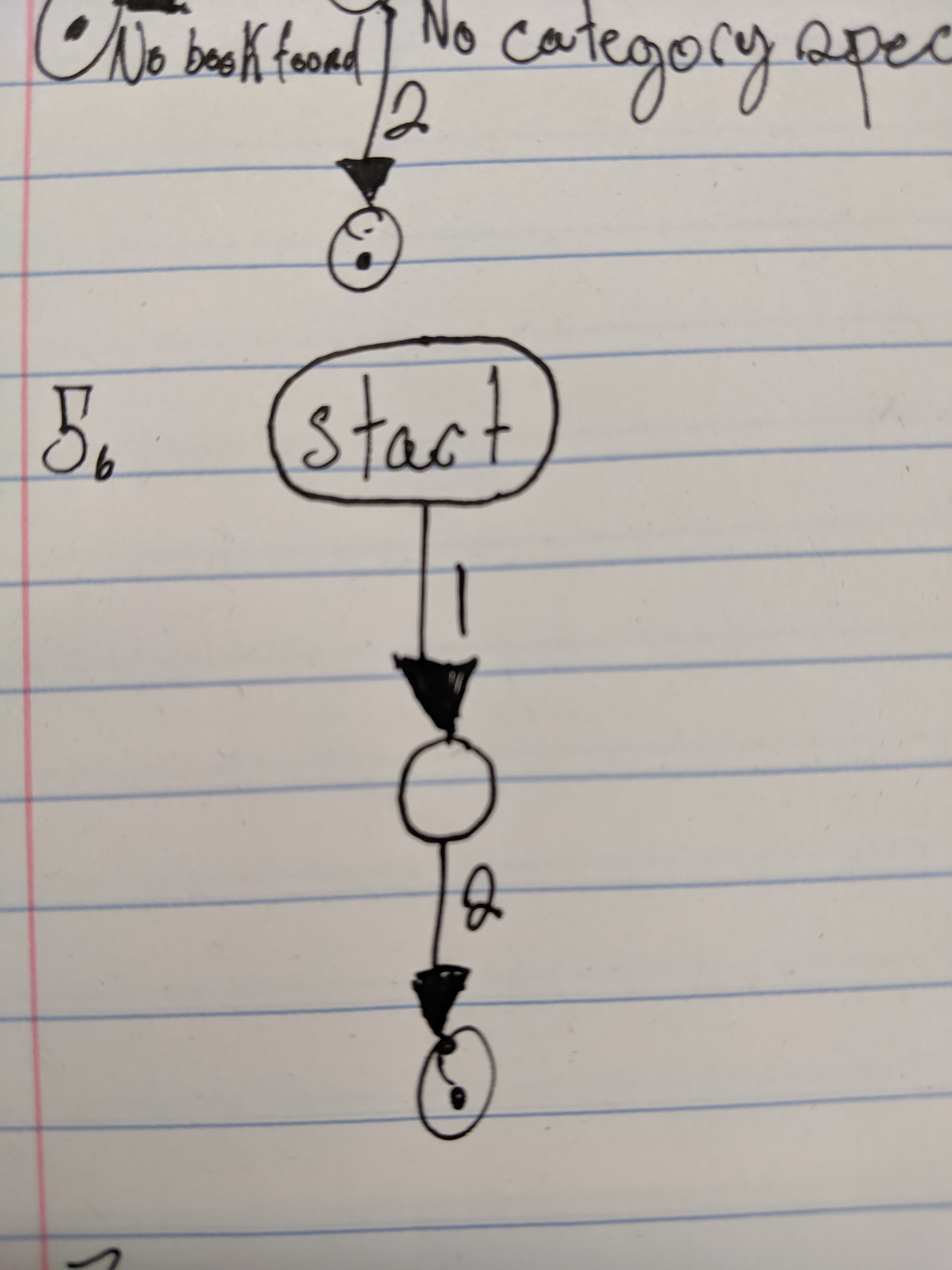
1.un graphe de scénarios

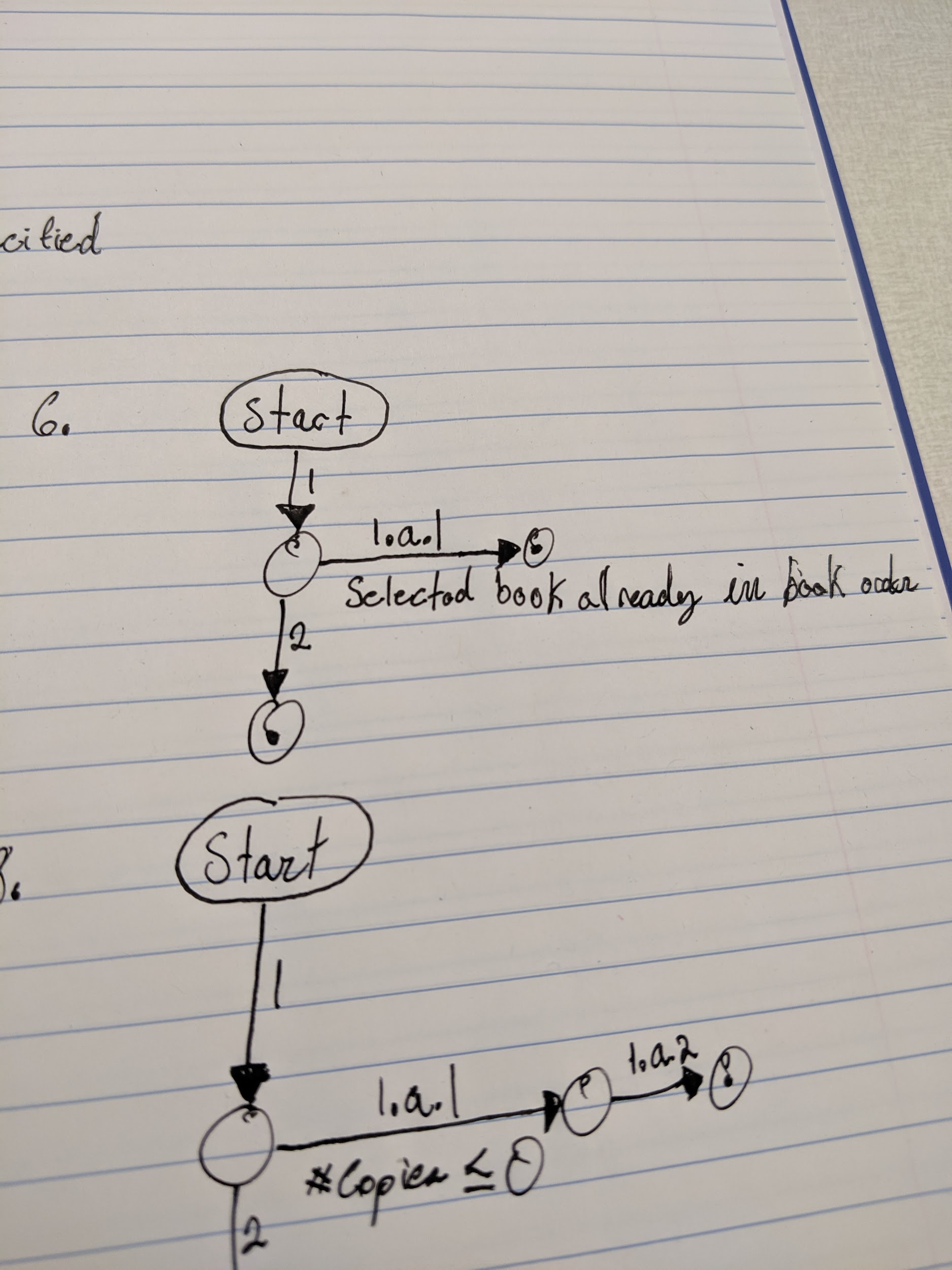
1.

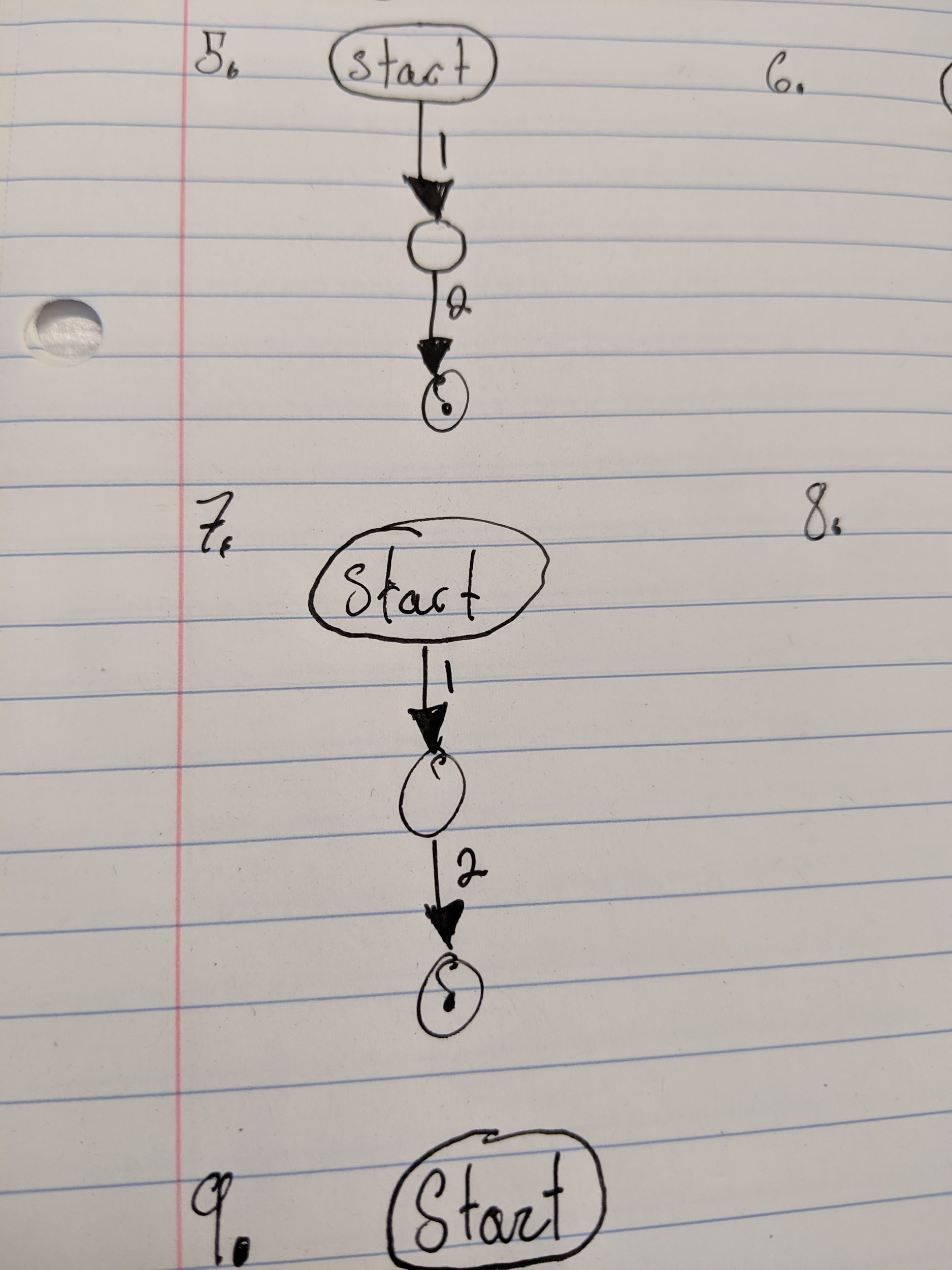
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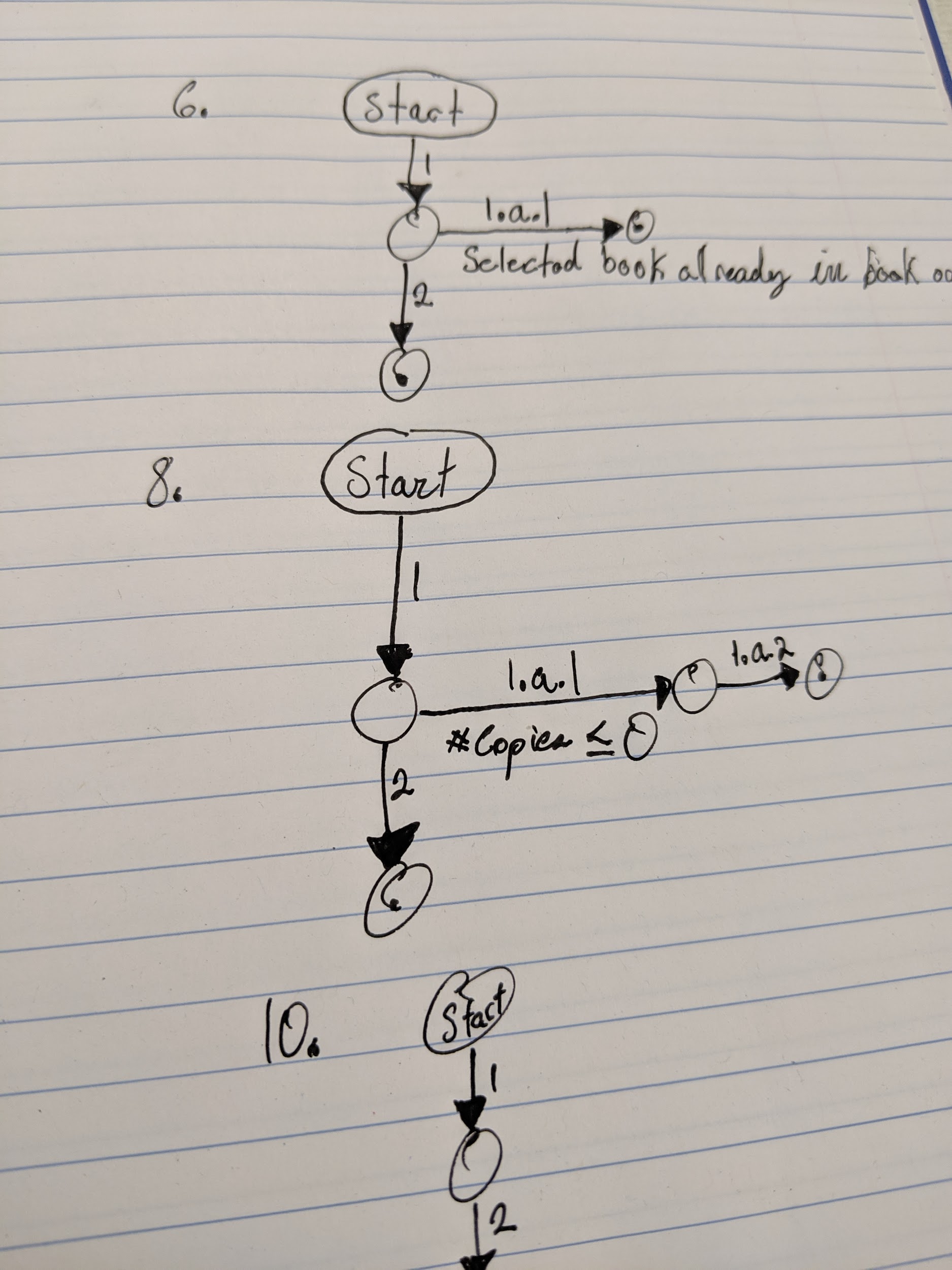
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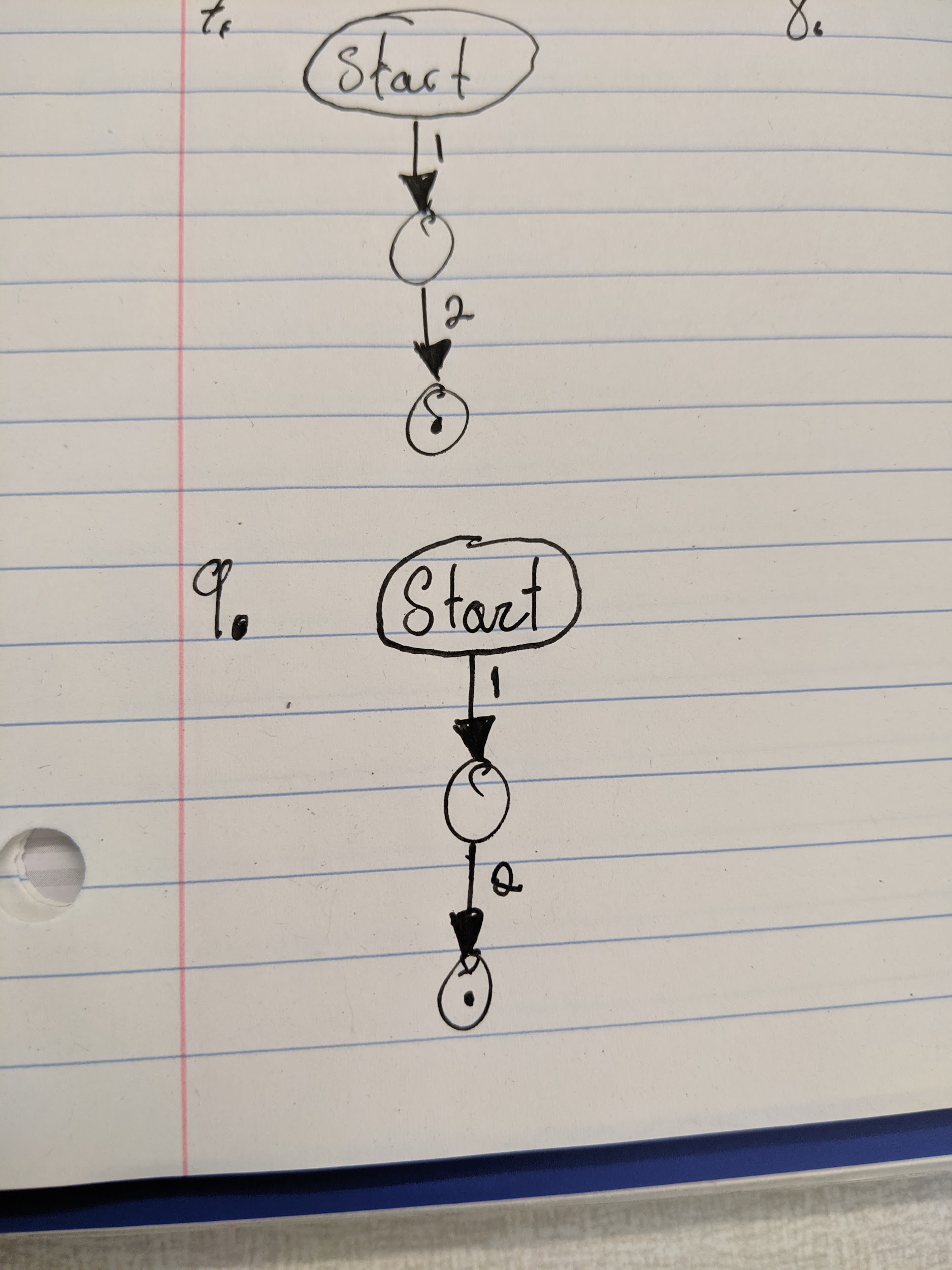
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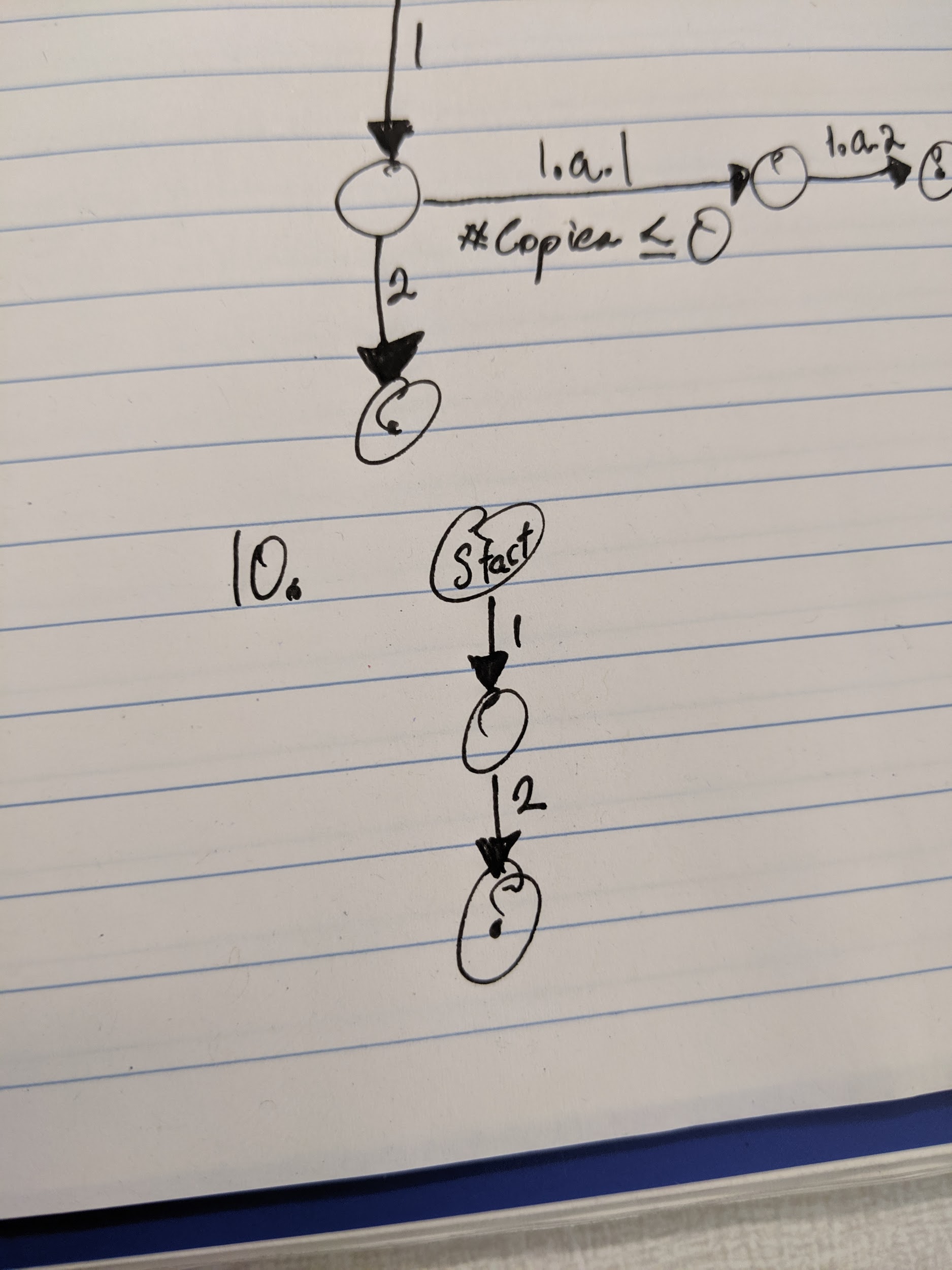
5.

6.

7. 

8.

9. 

10.

2.un ensemble de scénarios assurant la couverture des branches du graphe de scénarios

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 1 | 1-2-3-4 | Administrator enters correct credential the first time. Present administrator operation page |
| 2 | 1-2-3-3.a1-2-3-4 | Administrator enters correct credentials the second time. Present administrator operation page |

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 3 | 1-2 | Administrator signs out successfully |

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 4 | 1-2 | Bonne information ajout livre |
| 5 | 1-1.a.1-1-2 | Mauvaise information erreur |
| 6 | 1-1.b.1-1-2 | Id dupliquer erreur |
| 7 | 1-1.a-1-1b.1-1-2 | Mauvaise information et id dupliquer |

4. Use Case: Browse Catalogue

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 8 | 1-2 | Bonne categories |
| 9 | 1-1.b.1 | Pas de catégorie montre tout |
| 10 | 1-1.a.1 | Aucun livre trouver pour categorie |

5. Use Case: Remove Book

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 11 | 1-2 | Enlève le livre montre la liste sans le livre |

6. Use Case: Order Book

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 12 | 1-2 | Choisi livre, livre ajouter |
| 13 | 1-1.a.1 | ReChoisi livre, compte ajouter |

7. Use Case: View Books Order

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 14 | 1-2 | Choisi voir orders, vois sont order |

8. Use Case: Update Book Order

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 15 | 1-2 | Update la quantite, cout ajuster |
| 16 | 1-1.a.1-1.a.2 | Update la quantité -=0. Cout mis a 0 livre enlever |

9. Use Case: Check out

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 17 | 1-2 | Selectionne checkout vat checkout |

10. Use Case: Select language

|  |  |  |
| --- | --- | --- |
| ID | Scénario | Description |
| 18 | 1-2 | Selectionne une langue la langue change. |

3.des cas de tests abstraits correspondant aux scénarios

1.

Precondition: The e-BookStore is ON, Administrator is not logged-in

Success condition: The Administrator is logged in, the Administrator can perform operations on the store’s catalogue

Scénario 1: 1-2-3-4

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
| 1 | Administrator navigates to administrators’ operation page | e-BookStore asks for login credentials |  |
| 2 | Administrator enters correct login credentials | e-BookStore presents administrators operations page |  |

Scénario 2: 1-2-3-3.a1-2-3-4

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator navigates to administrators’ operation page | e-BookStore asks for login credentials |  |
|  | Administrator enters wrong login credentials | 1. e-BookStore displays invalid credentials error message 2. e-BookStore asks for login credential |  |
|  | Administrator enters valid login credentials | e-BookStore presents administrators operations page |  |

Scénario 3: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator selects to Sign out | e-BookStore acknowledges that Administrator has Signed out |  |

3. Use Case: Add Book

Precondition: Administrator is logged-in and visiting the page for adding books.

Postcondition: A new book has been added to the store’s catalogue.

Scénario 4: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator enters the book information | e-BookStore acknowledge the book addition to the catalogue |  |

Scénario 5: 1-1.a.1-1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator enters the book information | e-BookStore displays the pertinent error messages | Wrong or missing information |
|  | Administrator enters the book information | e-BookStore acknowledge the book addition to the catalogue |  |

Scénario 6: 1-1.b.1-1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator enters the book information | e-BookStore displays a duplicated book id error message | Duplicated book id |
|  | Administrator enters the book information | e-BookStore acknowledge the book addition to the catalogue |  |

Scénario 7: 1-1.a-1-1b.1-1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator enters the book information | e-BookStore displays the pertinent error messages | Wrong or missing information |
|  | Administrator enters the book information | e-BookStore displays a duplicated book id error message | Duplicated book id |
|  | Administrator enters the book information | e-BookStore acknowledge the book addition to the catalogue |  |

4. Use Case: Browse Catalogue

Precondition: The e-BookStore is ON

Success condition: A list of selected books is being displayed

Scénario 8:.1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | User specifies a category upon which a catalogue search is to be performed | e-BookStore shows a list of books satisfying the selected category |  |

Scénario 9: 1-1.b.1

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | User specifies a category upon which a catalogue search is to be performed | e-BookStore displays a no matching book found message | No book satisfying the searched category is found |

Scénario 10: 1-1.a.1

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | User specifies a category upon which a catalogue search is to be performed | e-BookStore shows a list of all the books in the catalogue | No category was specified |

5. Use Case: Remove Book

Precondition: Administrator is logged-in, A list of catalogue books is being displayed Postcondition: The selected book has been removed from the store’s catalogue

Scénario 11: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Administrator selects to remove a book | e-BookStore shows the list of books without the removed book |  |

6. Use Case: Order Book

Precondition: A list of catalogue books is being displayed Postcondition: The selected book has been added to the customer’s books order

12: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer selects a book to add to his/her books order | e-BookStore add the book to the books order |  |

13: 1-1.a.1

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer selects a book to add to his/her books order | e-BookStore increments the number of copies of the book in the books order | The selected book is already in the customer’s books order |

7. Use Case: View Books Order

Precondition: A list of catalogue books is being displayed Postcondition: The customer’s books order is being shown

14: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer selects to view his/her books orde | e-BookStore shows the books order information | The selected book is already in the customer’s books order |

8. Use Case: Update Book Order

Precondition: The customer’s books order is being shown

Postcondition: The customer’s books order is being shown with the updated number of copies

15: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer specifies a number of copies for an ordered book | e-BookStore updates the total cost for the book |  |

16: 1-1.a.1-1.a.2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer specifies a number of copies for an ordered book | 1.e-BookStore updates the total cost for the book to 0  2.e-BookStore removes the book from the books order | New number of copies is less or equal to 0 |

9. Use Case: Check out

Precondition: The customer’s books order is being shown

Postcondition: The books order is processed and payment information are being shown

17: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer select to checkout | e-BookStore processes the books order and display the information (F6) |  |

10. Use Case: Select language

Precondition: The e-BookStore is ON

Postcondition: The selected language is used by the e-BookStore

18: 1-2

|  |  |  |  |
| --- | --- | --- | --- |
|  | External Event | Reaction | Comment |
|  | Customer select a language | e-BookStore displays information in the selected language |  |

Question 4 (30%)Fournissez une implémentation Cucumber des cas de test abstraits de la question 2, dérivés des cas d'utilisations (définition de features, StepDefs, code d’invocation de Selenium). Assurez-vous d'avoir une traçabilité entre votre implémentation de test et les cas de test abstraits correspondants.Attachez des captures d’écrans du résultat de l’exécution de vos tests à votre rapport.