Seatwork 6.1	
Problem Identification	
Course Code: CPE007	**Program:** Computer Engineering
Course Title: Programming Logic and Design	**Date Performed:** 16/10/2025
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6. Output

- In school organizations, when an Item is accidentally left or misplaced by owners, some people that may potentially find the item, can surrender it to the Lost & Found Office or known as the repository. Lost & Found offices are created for easier consultations for missing items that can be surrendered or potentially be found by maintenance staff and are stored to the repository. Although items in the repository do not last for too long, a probability of missing items due to unorganized and heavy load of items making it hard to keep track of every item in the repository, items getting mixed up, and/or it does not reach the correct owner which causes conflicts from false item claims.

- Due to the complexity of keeping track of all items that are stored and to those who are claiming items that are not theirs or items that are missing and getting mixed up in the repository, some of the people's item can no longer be retrieved due to the lack of tracking history of claimings and name of the receivers, and item log and tracking. This causes possible irrelevance of the office, where its core purpose is no longer necessary or its function no longer seems to be helpful to some people / students.

- With the information above, we came up with a new and innovative solution, a system that keeps track of all logs of all Items surrendered and the history log of all claimed items and the claimer's information for people claiming the wrong items and to avoid people claiming the wrong items, The claimer's information is used ONCE conflict may arise that the potential claimed items are not theirs. This may occur only when 2 individuals claim that the items are theirs. Thus, calling both individuals to have a consultation to undergo the correct procedure of identifying who is the owner of the items / belongings.
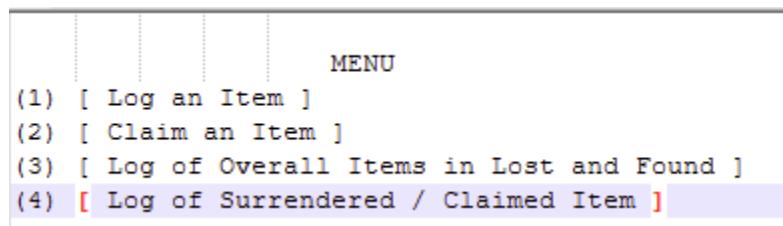
[Lost & found inventory tracker]

Problems:
- Conflicts arising from false item claims.
- Losing track of items/misplacement
- Items getting mixed up

purpose:
- Confirms students belongings
- Tracks who claims what in case of conflict
- Tracks incoming and outgoing items.

Function/s:
- Indexing items
- Item description/s
- Tracking received and claimed items 3

- Log of claims and deposits per student 2
- Log of overall items in stock/inventory/cache 1
- Log of students that claim an item

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                        MENU
(1) [ Log an Item ]
(2) [ Claim an Item ]
(3) [ Log of Overall Items in Lost and Found ]
(4) [ Log of Surrendered / Claimed Item ]
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7. References