CSC111 Winter 2026 Project 1

TODO: FILL IN YOUR NAME(S) HERE

February 11, 2026

Running the game

We should be able to run your game by simply running `adventure.py`. If you have any other requirements (e.g., installing certain modules), describe them here. Otherwise, skip this section.

Game Map

Example game map below (edit it to show your actual game map):

```
 1  2  3
-1  4 -1
-1  5 -1
```

Starting location is: 1

Game solution

List of commands:

Lose condition(s)

Description of how to lose the game:
List of commands:
Which parts of your code are involved in this functionality:

Inventory

1. All location IDs that involve items in the game:
2. Item data:
   (a) For Item 1:
      - Item name:
      - Item start location ID:
      - Item target location ID:
   (b) For Item 2:
      - Item name:
      - Item start location ID:

- Item target location ID:

(c) For Item 3:

- Item name:
- Item start location ID:
- Item target location ID:

3. Exact command(s) that should be used to pick up an item (choose any one or more items for this example), and the command(s) used to use/drop the item (can copy the list you assigned to `inventory_demo` in the `simulation.py` file)

4. Which parts of your code (file, class, function/method) are involved in handling the `inventory` command:

Score

1. Briefly describe the way players can earn score in your game. Include the first location in which they can increase their score, and the exact list of command(s) leading up to the score increase:

2. Copy the list you assigned to `scores_demo` in the `simulation.py` file into this section of the report:

3. Which parts of your code (file, class, function/method) are involved in handling the `score` functionality:

Enhancements

1. Describe your enhancement #1 here

   - Brief description of what the enhancement is (if it's a puzzle, also describe what steps the player must take to solve it):
   - Complexity level (choose from low/medium/high):
   - Reasons you believe this is the complexity level (e.g., mention implementation details, how much code did you have to add/change from the baseline, what challenges did you face, etc.)
   - Name the parts of the code which are involved in this enhancement
   - Copy the list you assigned to `enhancements_demo` in the `simulation.py` file into this section of the report: