TESTING

Link checks are at the bottom, in a diagram, x’s mean it crashed, check marks mean they worked. They are ordered from left to right, with right being the newest.

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| Prompt | Input | Expected Output | | Actual Output | |
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| Bedroom Checks |  |  | |  | |
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| Goal check |  |  | |  | |
| You enter a bedroom, to the south is a hallway, to the north is a bed, to the east is a closet, to the west is a desk.  You are in room 3B, you can go  n) bed  s) Hall 3  w) desk  e) closet  g) goal | g | The goal is to make a drugged ham and swiss sandwich in order to escape through the guarded portal. | | The goal of the game is to make a drugged ham and swiss sandwich, and escape through the portal. | |
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| Bed check |  |  | |  | |
| You are in room 3B, you can go  n) bed  s) Hall 3  w) desk  e) closet  g) goal  Do you want to snoop? | N  Y | You find a journal. Do you want to snoop?  Reading the journal you notice the owner has a dog and they both like to each ham and swiss sandwiches | | Looking under the bed you find a journal. Do you want to snoop?  Reading the journal you discover that the owner has a dog named Ralph, and that they both love ham and swiss sandwiches. | |
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| Desk check |  |  | |  | |
| You are in room 3B, you can go  n) bed  s) Hall 3  w) desk  e) closet  g) goal | W | You find nothing of interest in the desk. | | You find nothing useful in the desk. | |
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| Inventory and Table Checks | | | | | |
|  |  |  | |  | |
| inventory check – no items | | | | | |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What items in your pockets do you want to place?  Right Pocket:  Empty  Left Pocket:  Empty  Hand:  Empty | | What items in your pockets do you want to place?  Right Pocket:  Empty  Left Pocket:  Empty  Hand:  Empty | |
|  |  |  | |  | |
| inventory check - small items | | |  | |  |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Empty  Hand:  Empty | | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Empty  Hand:  Empty | |
|  |  |  | |  | |
| inventory check – medium items | | | | | |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  Empty | | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  Empty | |
|  |  |  | |  | |
| inventory check – large items | | |  | |  |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  ham | | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  ham | |
|  | | | | | |
| inventory check – multiple large items | | | | | |
| What do you want from the breads   1. white 2. wheat 3. nothing | 1 | You cannot carry the item. Please remove and item by place it on the table. Since the item won’t fit in your pocket, you need to remove the ham. | | You cannot carry the item. Please remove and item by place it on the table. Since the item won’t fit in your pocket, you need to remove the ham that you are holding. | |
|  |  |  | |  | |
| table check – add items | | |  | |  |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich   What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  ham | 1  ham | (Nothing, but I expect the next prompt to add an item to the table will not show the ham in my possession, and I should be able to add another item, as well as the item being added to the table’s inventory) | | See following checks | |
|  |  |  | |  | |
| table check – item removed from hand | | | | | |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What item do you want to take?  Table:  ham | | What item do you want to take from the table?  Table:  ham | |
|  |  |  | |  | |
| table check – item added to table | | | | | |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 2 | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Empty  Hand:  Empty | | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Empty  Hand:  Empty | |
|  |  |  | |  | |
| inventory check – can add new item | | | | | |
| What do you want from the breads   1. white 2. wheat 3. nothing | 1 | Nothing, but I expect the next time I go to put an item down, for the bread to be there | | See following checks | |
|  |  |  | |  | |
| inventory check – large items | | | | | |
| What do you want to do with the table   1. Put down an item 2. Pick up an item 3. Make sandwich | 1 | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  White | | What items in your pockets do you want to place?  Right Pocket:  medication  Left Pocket:  Swiss cheese  Hand:  White Bread | |
|  |  |  | |  | |
| Sandwich Checks |  |  | |  | |
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| Need knife | | | | | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  What three ingredients do you want to use? | Pop  Cop  lop | You do not have a knife on the table. | | You do not have a knife at the table. | |
|  |  |  | |  | |
| Need plate |  |  | |  | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  knife  What three ingredients do you want to use? | Pop  Cop  lop | You do not have a plate on the table. | | You do not have a plate at the table. | |
|  | | | | | |
| Need bread | | | | | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  Knife  plate  What three ingredients do you want to use? | Pop  Cop  lop | You do not have bread on the table. | | There is no bread on the table | |
|  |  |  | |  | |
| Need three ingredients – none there | | |  | |  |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  Knife  plate  What three ingredients do you want to use? | Pop  Cop  lop | You do not have pop on the table. | | You do not have a pop at the table. | |
|  |  |  | |  | |
| Need three ingredients – one there | | | | | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  Knife  plate  What three ingredients do you want to use? | ham  Cop  lop | You do not have cop (your 2nd ingredient) on the table. | | You do not have a pop (your 2nd ingredient) at the table. | |
|  |  |  | |  | |
| Need ingredients – 2 there | | | | | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  Knife  plate  What three ingredients do you want to use? | ham  swiss  lop | You do not have lop (your 3rd ingredient) on the table. | | You do not have a lop (your 3rd ingredient) at the table. | |
|  |  |  | |  | |
| Need different ingredients- repeating | | | | | |
| To make a sandwich you need bread, three other ingredients, as well as a knife and a plate, all of which need to be on the table.  Table:  Ham  Swiss cheese  Medication  Knife  plate  What three ingredients do you want to use? | ham  swiss  ham | You do not have ham (your 3rd ingredient) on the table. | | You do not have a ham (your 3rd ingredient) at the table. | |
|  |  |  | |  | |
| Need ham and swiss wont – which proves sandwich won’t win | | | | | |
| You are currently in the room Hall 2, where you can go  n) locked door  s) locked door  w) elevator  e) portal  g) goal | E  (2nd time) | You were caught | | You were caught, and they now know about your ability. Your life is over, you may as well give into their demands of free squid. | |
|  |  |  | |  | |
| Need medicated ham and swiss to win | | | | | |
| You are currently in the room Hall 2, where you can go  n) locked door  s) locked door  w) elevator  e) portal  g) goal  You are currently in the room Portal, where you can go  n)wall  s)wall  w)Hall 2  e) Home, Sweet Home  g) goal | E  (2nd time)  E again to win | To the east is the portal home, to the west is the Hall 2 and to the north is the guard’s desk.  The guard and dog are sound asleep after eating the sandwich. They never even looked at you, just the food.  You managed to escape. You immediately turn around and lock the door, hoping one else has to suffer such indignities. | | To the east is the portal home, to the west is the Hall 2 and to the north is the guard’s desk.  The guard and dog are sound asleep after eating the sandwich. They never even bothered to look at you. If it hadn’t been such a success, you might feel self-conscious about it.  You have managed to escape back home. Where you immediately lock the door, praying no one unsuspecting might ever step through again, lest they be tortured into giving up all their squid. | |

✓

3B

3A

3C

Elevator

Hall 3

Hall 2

Hall 1

Portal

Offices

Mess Hall

Kitchen

✓

✓

✓

✓

✓

✓

✓

Terminated🗶 ✓

Terminated w/o medicated swiss sandwich

✓

Does Nothing

🗶 ✓

Does Nothing

🗶 ✓

Does Nothing

✓

Message pops up

✓

Does nothing

✓

Message pops up

✓

Terminated with successful escape

🗶 🗶 ✓

Terminated🗶 ✓

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