The Enchanted Escape: Forest House Adventure

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Project Overview

- How is the game’s structure organized?

The game is set in a mysterious house with various rooms, each containing unique objects, doors, and keys. Players must navigate through these rooms, unlocking doors with corresponding keys to progress towards their ultimate goal of escaping the house.

Rooms:

Game Room: The starting point where players wake up. Contains a couch, piano, and Door A
.
Bedroom 1: Features a queen bed, Doors A, B, and C. Players find a key for Door B under the bed.

Bedroom 2: Contains a double bed, dresser, and Door B. Players discover keys for Doors C and D hidden in the room.

Living Room: Players enter through Door C, encountering a dining table and Doors C and D.

Doors and Keys Interaction:

- Each room has multiple doors, some of which are locked.
- Keys found in one room can unlock specific doors in other rooms.
- Players must explore each room thoroughly to find keys and unlock doors, progressing through the game until they reach the final door and successfully escape.

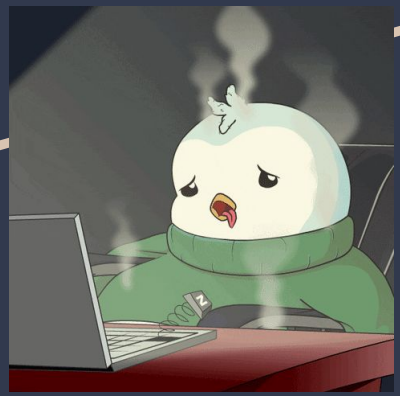
- Which functions do you have and how are they imported?

1. Built-in Functions
    - Predefined functions provided by Python.
    - Examples include print(), len(), and range().
2. User-defined Functions
    - Functions created by the programmer to perform specific tasks tailored to their program's requirement.
    - def function_name(parameters):
    - # Function body
    - return value # Optional
3. Function with Parameters and Return
    - Parameters allow you to pass data to functions. They act as placeholders for values that the function will operate on, and these are defined within the parameters within the parentheses when defining the function.

    - Functions can return a value to the caller using the return statement.
    - Return statement ends the function execution and sends the result back to the caller.

Technical Challenge

- What was **the most important** technical challenge you faced?



Technical Challenge: Collaborative Coding

- Limitation: Google Colaboratory Issues
  - Google Colaboratory experiencing performance issues.
  - Restricted editing access: Only two persons can simultaneously edit the code.

- How did you overcome that challenge?

1. Addressing the Challenge
    - Solution: Leveraging Jupyter Notebook as an Alternative
2. Implementing Jupyter Notebook
    - Seamless Transition: Smooth migration of coding activities to Jupyter Notebook.
3. Utilizing Zoom for effective teamwork and communication.
    - Debugging Solutions: Collaboratively identifying and resolving coding bugs.

Big Mistake!!

- What was **the biggest** mistake you made during this project?
- What did you learn from it?

- Biggest mistake: Not properly communicating our individual coding styles.
- Function
- Error-reading
- Brainstorming
-
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Learning:

- Better communication
- Just try the code, make mistakes and analyse the error

DEMO

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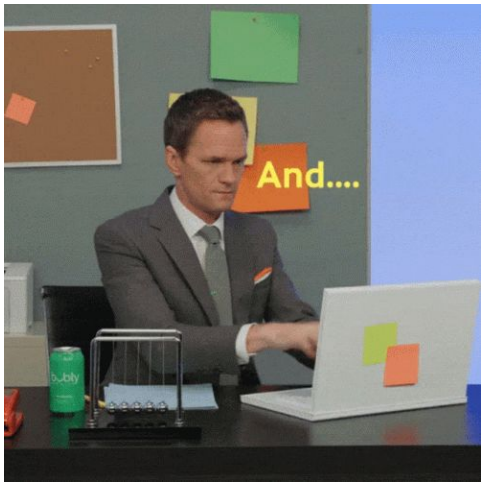
Thank You For Your Attention!



Escape Room Game Title

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