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### MAJOR PROJECT ###      ### TREASURE HUNT GAME ###  
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      ### UNSCHOOL- JAVA AND PYTHON PROJECT-2 ###
```

INPUT

```
#function to ask play again or not  
def lets_play_again():  
    print("\nDo you want to play again? (y or n)")  
  
    #convert player's input to lower case  
    answer = input(">").lower()  
  
    #loop function  
    if answer == "y":  
        start()  
    else:  
        exit()  
  
#game_over function accepts an argument called "reason"  
def game_over(reason):  
    #reason for loosing at snake_room  
    if reason == 1:  
        print("You want eggs not the treasure!! That's why snake killed you.  
\nGame Over!")  
        lets_play_again()  
  
    #reason for loosing at monster_room  
    if reason == 2:  
        print("The monster was hungry, he/it ate you. \nGame Over!")  
        lets_play_again()  
  
#Treasure room  
def treasure_room():  
    print("\nYou are now in a room filled with diamonds!")  
    print("And there is a door too!")  
    print("What would you do?  (1 or 2)")  
    print("1). Take some diamonds  and go through the door.")  
    print("2). Just go through the door.")  
  
    #convert player's input to lower case  
    treasure_answer = input(">")  
  
    #loop function  
    if treasure_answer == "2":  
        print("Congratulations! You Won!!!")  
        lets_play_again()  
    else:  
        print("You showed greediness. \nGame Over")  
        lets_play_again()
```

```

#monster room
def monster_room():
    print("\nNow you entered the room of a monster!")
    print("The monster is sleeping. \nBehind the monster, there is another
door. What would you do? (1 or 2)")
    print("1). Go through the door silently.")
    print("2). Kill the monster and show your courage!")

    #convert player's input to lower case
    monster_answer = input(">")

    #loop function
    if monster_answer == "1":
        treasure_room()
    else:
        game_over(2)

#snake room
def snake_room():
    print("\nThere is a snake here.")
    print("Behind the Snake is another door.")
    print("The snake is having eggs!")
    print("What would you do? (1 or 2)")
    print("1). Take the eggs.")
    print("2). Taunt the snake.")

    #convert player's input to lower case
    snake_answer = input(">")

    #loop function
    if snake_answer == "2":
        treasure_room()
    else:
        game_over(1)

#function to start
def start():
    print("You are standing in a dark room.")
    print("There is a door to your left and to your right, which one do you
take? (l or r)")

    #convert player's input to lower case
    answer = input(">").lower()

    #loop function
    if answer == "l":
        snake_room()

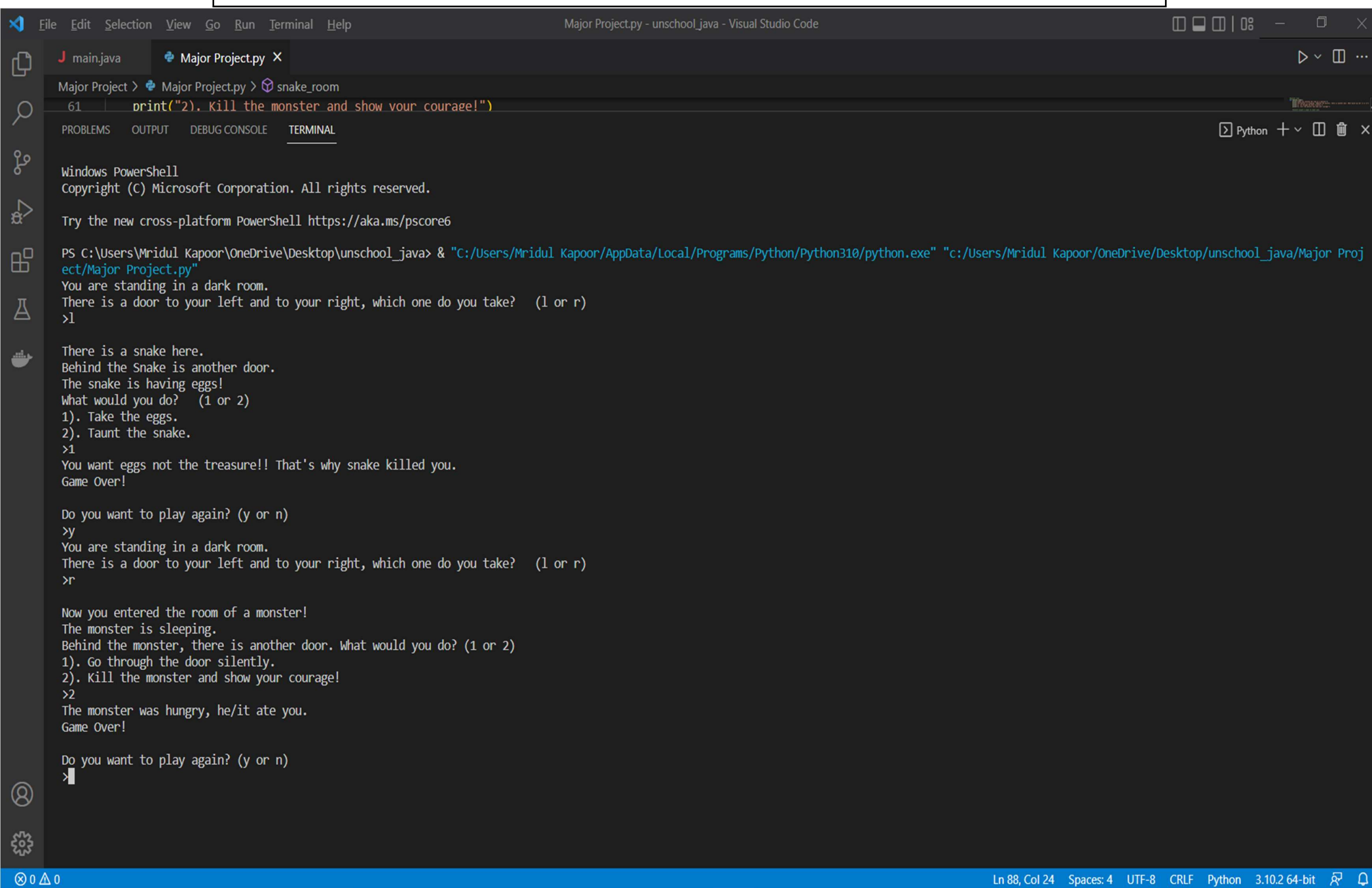
```

```
    else:
        monster_room()

#start the game
start()

###      CODE ENDS      ###
```

OUTPUT



The screenshot shows the Visual Studio Code interface. The top bar indicates the file is 'Major Project.py' in the 'unschool_java' workspace. The Explorer sidebar on the left shows the file structure with 'main.java' and 'Major Project.py' (which is expanded to show 'snake_room'). The Editor pane displays a Python script with a single line: `print("2). Kill the monster and show your courage!")`. The TERMINAL pane at the bottom shows the output of running the script in a Windows PowerShell environment. The output is a text-based adventure game. The user enters '1' at the first prompt, leading to a snake encounter. Entering '1' again leads to a game over. Entering 'y' at the second prompt leads to a monster encounter. Entering '2' at the third prompt also leads to a game over. The status bar at the bottom shows the cursor is at line 88, column 24, with 4 spaces, UTF-8 encoding, CRLF line endings, Python 3.10.2 64-bit interpreter.

```
File Edit Selection View Go Run Terminal Help
Major Project.py - unschool_java - Visual Studio Code

main.java Major Project.py X
Major Project > Major Project.py > snake_room
61 print("2). Kill the monster and show your courage!")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Mridul Kapoor\OneDrive\Desktop\unschool_java> & "C:/Users/Mridul Kapoor/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Mridul Kapoor/OneDrive/Desktop/unschool_java/Major Project/Major Project.py"
You are standing in a dark room.
There is a door to your left and to your right, which one do you take? (l or r)
>l

There is a snake here.
Behind the Snake is another door.
The snake is having eggs!
What would you do? (1 or 2)
1). Take the eggs.
2). Taunt the snake.
>1
You want eggs not the treasure!! That's why snake killed you.
Game Over!

Do you want to play again? (y or n)
>y
You are standing in a dark room.
There is a door to your left and to your right, which one do you take? (l or r)
>r

Now you entered the room of a monster!
The monster is sleeping.
Behind the monster, there is another door. What would you do? (1 or 2)
1). Go through the door silently.
2). Kill the monster and show your courage!
>2
The monster was hungry, he/it ate you.
Game Over!

Do you want to play again? (y or n)
>|
```

Ln 88, Col 24 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit