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In [4]: import random

# Mapping choices to numbers
youDict = {"s": 1, "w": -1, "g": 0}

# Computer randomly selects 's', 'w', or 'g'
computer_choice = random.choice(["s", "w", "g"])
computer = youDict[computer_choice]

# User input
you = input("Enter your choice (s for snake, w for water, g for gun): ").lower()

# Ensure valid input
if you in youDict:
    you_num = youDict[you]

    # Game Logic
    if computer == you_num:
        print("It's a tie!")
    elif (computer == 1 and you_num == -1) or (computer == -1 and you_num == 0) or
        print(f"You lose! Computer chose {computer_choice}.")
    else:
        print(f"You win! Computer chose {computer_choice}.")
else:
    print("Invalid choice. Please enter 's' for snake, 'w' for water, or 'g' for gun)

Enter your choice (s for snake, w for water, g for gun): g
It's a tie!
```

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In [ ]:
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