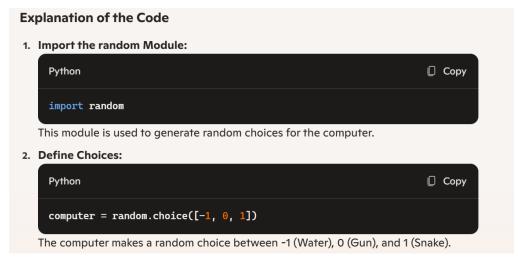
## Game Name: Snake-Water-Gun

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This is a simple console-based implementation of the "Snake-Water-Gun" game, which is similar to the classic "Rock-Paper-Scissors" game. The game involves two players: you and the computer. The choices and rules are as follows:

- Snake beats Water (Snake drinks Water)
- Water beats Gun (Water rusts Gun)
- Gun beats Snake (Gun shoots Snake)



Python

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youstr = input("Enter your choice (Snake/Water/Gun): ").lower()

The user is prompted to enter their choice. The input is converted to lowercase to match dictionary keys.

4. Dictionaries for Mapping:

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youDict = {"snake": 1, "water": -1, "gun": 0}
reverseDict = {1: "Snake", -1: "Water", 0: "Gun"}

youDict maps the user's input string to numerical values.

reverseDict maps numerical values back to their string representations for display purposes.

6. Determine the Outcome:

```
Python
                                                                  □ Сору
if computer == you:
    print("It's a draw!")
else:
    if computer == -1 and you == 1:
       print("You win!")
    elif computer == -1 and you == 0:
       print("You lose!")
    elif computer == 1 and you == -1:
       print("You lose!")
    elif computer == 1 and you == 0:
       print("You win!")
    elif computer == 0 and you == -1:
       print("You win!")
    elif computer == 0 and you == 1:
        print("You lose!")
```

- If the choices are the same, it's a draw.
- Otherwise, the code uses a series of if-elif statements to determine if the user
  wins or loses based on the game's rules.

## 7. Handle Invalid Input:

```
Python 

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else:
    print("Invalid choice. Please enter Snake, Water, or Gun.")
```

If the user enters an invalid choice, the code prompts them to enter a valid one.

## **How It Works:**

- The computer makes a random choice.
- The user is prompted to input their choice.

- The user's input is validated and converted to a corresponding numerical value.
- The game compares the user's choice and the computer's choice to determine the outcome.
- The result (win, lose, draw) is printed based on the comparison.

This game is a fun way to practice programming concepts like dictionaries, conditional statements, and user input validation. Give it a try and enjoy the game!