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import random

def number_guessing_game():
    while True:
        attempts = 5
        number_to_guess = random.randint(1, 100)

        print("Welcome to the Number Guessing Game!")
        print("I'm thinking of a number between 1 and 100. Can you guess it? You have 5 attempts.")

        while attempts > 0:
            user_guess = int(input("Enter your guess: "))

            if user_guess < number_to_guess:
                print("Too low! Try a higher number.")
            elif user_guess > number_to_guess:
                print("Too high! Try a lower number.")
            else:
                print("Congratulations! You've guessed the number correctly!")
                break

            attempts -= 1
            if attempts > 0:
                print("You have {} attempts left.".format(attempts))
            else:
                print("Out of attempts! The number I was thinking of was {}".format(number_to_guess))

        play_again = input("Do you want to play again? (Y/N): ")
        if play_again.upper() != 'Y':
            break

number_guessing_game()

```

This program generates a random number between 1 and 100 and prompts the user to guess it within a limited number of attempts. It provides feedback on whether the guess is too high, too low, or correct, and informs the user of the remaining attempts. After the game ends, it displays a message indicating whether the user won or lost and gives them the option to play again if desired.