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Quizz

Gussing Number Game:

Source Code:

```
import random

def guess_num_game():
    random_number = random.randint(1, 10)
    attempts = 3

    print("Welcome to the Guessing Game!\n")
    print("Some instruction:")
    print("The correct number will be between 1 to 10.")
    print(f"You will have {attempts} attempts to guess it correctly.\n")

    for attempt in range(1, attempts + 1):
        while True:
            try:
                guess = int(input(f"Attempt {attempt}: Make your guess (1-10): "))
                if 1 <= guess <= 10:
                    break
            except ValueError:
                print("Invalid input. Please enter a number between 1 and 10.")
            else:
                print("Invalid input. Please enter a valid integer.")

        if guess == random_number:
            print("Congratulations! You guessed the correct number. You win!")
            return
        elif guess < random_number:
            print("Your guess is too low. Try again!!\n")
        else:
            print("Your guess is too high.\n")

    print(f"Sorry, you've used all your attempts\n. The correct number was {random_number}.\n You lose.")
    guess_num_game()
```

Outputs:

```
Welcome to the Guessing Game!

Some instruction:
The correct number will be between 1 to 10.
You will have 3 attempts to guess it correctly.

Attempt 1: Make your guess (1-10): 1
Congratulations! You guessed the correct number. You win!
```



Welcome to the Guessing Game!

Some instruction:

The correct number will be between 1 to 10.

You will have 3 attempts to guess it correctly.

Attempt 1: Make your guess (1-10): 1

Your guess is too low. Try again!!

Attempt 2: Make your guess (1-10): 9

Your guess is too high.

Attempt 3: Make your guess (1-10): 6

Your guess is too high.

Sorry, you've used all your attempts.

The correct number was 4.

You lose.