import random

def play\_game():

print("🎮 Welcome to the Number Guessing Game!")

lower = int(input("Enter the lower bound: "))

upper = int(input("Enter the upper bound: "))

number\_to\_guess = random.randint(lower, upper)

attempts = 0

guessed = False

print(f"I'm thinking of a number between {lower} and {upper}...")

while not guessed:

try:

guess = int(input("Your guess: "))

attempts += 1

if guess < number\_to\_guess:

print("Too low!")

elif guess > number\_to\_guess:

print("Too high!")

else:

print(f"🎉 Correct! You guessed it in {attempts} attempts.")

guessed = True

except ValueError:

print("Please enter a valid number.")

def main():

while True:

play\_game()

replay = input("Play again? (yes/no): ").lower()

if replay != 'yes':

print("Thanks for playing!")

break

if \_\_name\_\_ == "\_\_main\_\_":

main()