import random

def number\_guessing\_game():

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

lower\_bound = 1

upper\_bound = 100

secret\_number = random.randint(lower\_bound, upper\_bound)

max\_attempts = 7

print(f"Guess the number between {lower\_bound} and {upper\_bound}. You have {max\_attempts} attempts.")

for attempt in range(1, max\_attempts + 1):

try:

guess = int(input(f"\nAttempt {attempt}: Enter your guess: "))

except ValueError:

print("❌ Please enter a valid number.")

continue

if guess < lower\_bound or guess > upper\_bound:

print(f"⚠ Your guess must be between {lower\_bound} and {upper\_bound}. Try again.")

elif guess < secret\_number:

print("🔼 Too low! Try a higher number.")

elif guess > secret\_number:

print("🔽 Too high! Try a lower number.")

else:

print(f"🎉 Congratulations! You guessed the number {secret\_number} in {attempt} attempts.")

break

else:

printf(" Sorry, you've used all {max\_attempts} attempts. The correct number was {secret\_number}.")

number\_guessing\_game()