import random

def guess\_number():

print("Welcome to the Guessing Game!")

print("I have selected a number between 1 and 100. Can you guess it?")

# Generate a random number between 1 and 100

secret\_number = random.randint(1, 100)

attempts = 0

while True:

try:

guess = int(input("Enter your guess: "))

attempts += 1

if guess < secret\_number:

print("Too low. Try again.")

elif guess > secret\_number:

print("Too high. Try again.")

else:

print(f"Congratulations! You've guessed the number {secret\_number} correctly!")

print(f"It took you {attempts} attempts.")

break

except ValueError:

print("Please enter a valid number.")

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

guess\_number()