start

set secretNumber = random number between 1 and 100

set guess = 0

while guess is not equal to secretNumber

output "Guess a number between 1 and 100: "

input guess

if guess < secretNumber then

output "Your guess is too low. Try again."

else if guess > secretNumber then

output "Your guess is too high. Try again."

else

output "Congratulations! You guessed the correct number."

endwhile

stop