



### **Pseudocode**

PRINT "Welcome to the higher/lower game!"

PRINT "Please enter the lower bound:"

INPUT lowerBound

PRINT "Please enter the higher bound:"

INPUT upperBound

WHILE lowerBound is greater than or equal to upperBound

    PRINT "The lower bound must be less than the upper bound.

    PRINT "Please enter the lower bound:"

    INPUT lowerBound

    PRINT "Please enter the higher bound:"

    INPUT upperBound

SET randomNumber to integer between lowerBound and upperBound

PRINT "Great, now guess a number between 10 and 30:"

INPUT guessedNumber

WHILE guessedNumber is NOT randomNumber

    IF guessedNumber is greater than randomNumber

        PRINT "Nope, too low."

        PRINT "Guess another number:"

        INPUT guessedNumber

ELSE IF guessedNumber is less than randomNumber

PRINT "Nope, too high."

PRINT "Guess another number:"

INPUT guessedNumber

ELSE IF guessedNumber equals randomNumber

PRINT "You got it!"