Function BellasNumberGame():

From random IMPORT randint

PRINT(‘Welcome to the higher/lower game, Bella!’)

SET lower to GET integer input(‘Enter the lower bound’)

SET upper to GET integer input(‘Enter the upper bound’)

IF lower is greater than or equal to upper THEN:

PRINT(‘lower bound must be less than upper bound’)

SET lower to GET input(‘Enter the lower bound’)

SET upper to GET input(‘Enter the upper bound’)

SET guess equal to integer input(‘Great, now guess a number between lower and upper: ’)

SET x equal to randint(lower, upper)

WHILE guess is not equal to x:

IF guess is less than lower or guess is greater than upper THEN:

SET guess equal to integer input(‘Please choose a number between lower and upper’)

ELSEIF guess is greater than x THEN:

PRINT(‘Nope, too high.’)

SET guess equal to integer input(‘Guess another number: ‘)

ELSEIF guess is less than x THEN:

PRINT(‘Nope, too low.’)

SET guess equal to integer input(‘Guess another number: ‘)

IF guess equals x THEN:

Print(‘You got it!’)