Initialize count to one

Initialize min to zero

Initialize max to 99

Input the ‘input’ as String from user

Input the ‘randomNum’ as randomly generated by program within range (at first 0 ~ 99)

If Input is not one of ‘COLD’, ‘COOL’, ‘WARM’, ‘HOT’, ‘CORRECT’

return error message

if max is smaller than min

return error message saying user has lied

if Input is ‘COLD’

count plus one

generate new random number between randomNum -50 and randomNum +50

return generated new random number

if Input is ‘COOL’

count plus one

generate new random number between randomNum -39 and randomNum +39

return generated new random number

if Input is ‘WARM’

count plus one

generate new random number between randomNum -19 and randomNum +19

return generated new random number

if Input is ‘HOT’

count plus one

generate new random number between randomNum -9 and randomNum +9

return generated new random number

if Input is Correct

return you got in in n trials ! with happy message