import random

def guess(x):

random\_number = random.randint(1, x)

guess = 0

while guess != random\_number:

guess = int(input(f'Guess a number between 1 and {x}: '))

if guess < random\_number:

print('Sorry, guess again. Too low.')

elif guess > random\_number:

print('Sorry, guess again. Too high.')

print(f'Yay, congrats. You have guessed the number {random\_number} correctly!!')

def computer\_guess(x):

low = 1

high = x

feedback = ''

while feedback != 'c':

if low != high:

guess = random.randint(low, high)

else:

guess = low # could also be high b/c low = high

feedback = input(f'Is {guess} too high (H), too low (L), or correct (C)?? ').lower()

if feedback == 'h':

high = guess - 1

elif feedback == 'l':

low = guess + 1

print(f'Yay! The computer guessed your number, {guess}, correctly!')

guess(10)

Output:

