The program above is trying to locate the first “square” whose two rightmost digits are both odd.

I let it run for a very long time but it just seems to keep looping. 😞

from math import sqrt

# a is the right-most digit, b is second from right
def get_nums(n):
    a=n%10
    b=(n//10)%10
    return a,b

# Here is the calling program.

i=1
while True:
    a,b=get_nums(i*i)
    if a%2 == 1 and b%2 ==1:  # if the two right-most digit are odd, print the value
        print(i*i)
    break

    i+=1

print(i*i)

It seems correct!!

What’s wrong with the program? 