'''

def ebob\_ekob(a, b):

while b != 0:

a, b = b, a % b

return a

a, b = map(int, input('Iki natural eded: ').split(' '))

print(f'EBOB({a}, {b}) = {ebob\_ekob(a, b)} \nEKOB({a}, {b})={a \* b // ebob\_ekob(a, b)}')

'''

# 12.

'''

def sade(eded):

if eded == 1:

return False

for i in range(2, eded):

if eded % i == 0:

return False

else:

return True

def hiper\_sade(eded):

if sade(eded) is False:

return False

else:

n = eded

while n > 0:

n //= 10

if sade(n) is False:

return False

else:

return True

eded = int(input('Eded: '))

print(f'{eded} hiper-sadedir' if hiper\_sade(eded) else f'{eded} hiper-sade deyil')

'''

# 10.

def kv3(eded):

from math import sqrt

say = 0

n = eded

while n > 0:

n //= 10

say += 1

return sqrt(eded // 10\*\*(say - 1) + eded % 10) > 3