**5\_uzdevums**

def pirmskaitlis(b):

if b > 1:

for i in range(2, b//2+1):

if b % i == 0:

return 'f'

else:

return 't'

else:

return 'f'

def summa(a):

s = 0

for i in range(len(a)):

s = s + int(a[i])

return s

def pirmreiz(a):

pirm = ''

for i in range(2, a//2+1):

if pirmskaitlis(i) == 't':

while a % i == 0:

pirm = pirm + str(i)

a = a / i

return pirm

for i in range(1, 1000000):

if i == 1:

print(1)

else:

s1 = summa(str(i))

pirm = pirmreiz(i)

#print(pirm)

s2 = summa(str(pirm))

if s1 == s2:

print(i)