4

k=0

OK=True

for x in range (1512, 13202+1):

while x%7==0 and x%11!=0 and x%13!=0 and x%17!=0 and x%23!=0:

k+=1

break

if OK:

print (k, x)

2

k=0

for x in range (100000, 999999+1):

OK=True

x1=x//100000

x2=(x//10000)%10

x3=(x//1000)%10

x4=(x//100)%10

x5=(x//10)%10

x6=x%10

if abs((x1+x2+x3)-(x4+x5+x6))<=3:

k+=1

print(k)

8

N=int(input('Введите число '))

OK=True

while N>10:

N//=10

if OK:

print (N)

1

k=0

for x in range (100000, 999999+1):

OK=True

x1=x//100000

x2=(x//10000)%10

x3=(x//1000)%10

x4=(x//100)%10

x5=(x//10)%10

x6=x%10

if x1<x2<x3<x4<x5<x6:

k+=1

print(k)

2

k=0

OK=True

for x in range (1056, 7563+1):

while x%5==0 or x%7==0 and x%11!=0 and x%13!=0 and x%17!=0 and x%23!=0:

k+=1

break

if OK:

print (k, x)