1python-program-for-find-sum-of-odd-factors-of-a-number

import math

def sumofoddFactors( n ):

   #prime factors

   res = 1

   # ignore even factors

   while n % 2 == 0:

      n = n // 2

   for i in range(3, int(math.sqrt(n) + 1)):

      count = 0

      curr\_sum = 1

      curr\_term = 1

      while n % i == 0:

         count+=1

         n = n // i

         curr\_term \*= i

         curr\_sum += curr\_term

      res \*= curr\_sum

   # n is a prime number.

   if n >= 2:

      res \*= (1 + n)

      return res

# main

n = 27

print(sumofoddFactors(n))