## 1.python program for find sum of odd factors of a number

**Code:**

import math

def sumofoddFactors( n ):

res = 1

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

if n >= 2:

res \*= (1 + n)

return res

n = 27

print(sumofoddFactors(n))

**Output:**

