1. Python Program for Find sum of even factors of a number

Code:

import math

def sumofFactors(n) :

if (n % 2 != 0) :

return 0

res = 1

for i in range(2, (int)(math.sqrt(n)) + 1) :

count = 0

curr\_sum = 1

curr\_term = 1

while (n % i == 0) :

count= count + 1

n = n // i

if (i == 2 and count == 1) :

curr\_sum = 0

curr\_term = curr\_term \* i

curr\_sum = curr\_sum + curr\_term

res = res \* curr\_sum

if(n >= 2):

res = res \* (1 + n)

return res

# Driver code

n = 18

print(sumofFactors(n))

Output:

