1. ****Python Program for Find sum of odd factors of a number.****

**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 = 30**

**print(sumofoddFactors(n))**

**OUTPUT**

