import math  
  
#task1  
"""  
res = 0  
i = 103  
while(i>= 1):  
 res = 1/(i+res)  
 i-=2  
print(res)  
"""  
#task2  
"""  
x = float(input('x = '))  
i = 256  
res = x\*x  
while(i>= 2):  
 res = x\*x + i/res  
 i=i/2  
res=x/res  
print( res)  
"""  
#task3  
"""  
n = int(input('n = '))  
k = int(input('k = '))  
kfactorial=math.factorial(k)  
  
t = n-k+1  
res=1  
while(n >= t):  
 res = res\*n  
 n-=1  
res = res/kfactorial  
print(res)  
"""