```
import math
     from cmath import exp, log10
     def factorial(x):
         return math.factorial(x)
     def pow(x, y):
         return math.pow(x, y)
     def somatorio(a, c):
         soma = 0
         for k in range(c):
             soma = soma + (pow(a,k)/factorial(k))
         return soma
     a = float(input("A(Erlangs) = "))
    c = int(input("C(canais) = "))
    h = float(input("H(hold time) = "))
     t = float(input("t(time) = "))
     pr0 = pow(a,c) / (pow(a,c) + (factorial(c)*(1-(a/c))*somatorio(a,c)))
21
     prt = pr0*exp(( (-(c-a)) * t) / h)
23
     print("Pr[atraso > 0] = " + str(pr0))
25
     print("Pr[atraso > " + str(t) + "] = " + str(prt))
```