1. Python Program for Number of stopping station problem

**Code:**

def stopping\_station( p, n):

num = 1

dem = 1

s = p

while p != 1:

dem \*= p

p-=1

t = n - s + 1

while t != (n-2 \* s + 1):

num \*= t

t-=1

if (n - s + 1) >= s:

return int(num/dem)

else:

return -1

num = stopping\_station(4, 12)

if num != -1:

print(num)

else:

print("Not Possible")

**Output:**

