**# problem Statement : Fire Station**

there are 'n' stations between two places A and B.

find number of ways in which a train can be made to stop at 's' of intermediate stations

so that no two stopping stations are consecutive.

**# Program :**

def fact(no):

res = 1

for i in range(2,no+1):

res = res \* i

#print(res)

return res

def nCf(n,r):

return int(fact(n) / (fact(r) \* fact(n-r)))

n = int(input()) #number of stations

s = int(input()) #number of stops

n = n-s+1 #because no two stopping stations are conseutive

print(nCf(n,s)) # Using Combination formula(where we have to select s stations from n)

**# Output :**

