1. ****Python Program for Number of stopping station problem.****

**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****

