```
'''
EE 381
'''
p = float(input("Enter probability of a jump. "))
S = int(input("Enter the standing position. "))
N = int(input("Enter the boundry position."))
J = int(input("Enter the number of jumps wanted. "))

import random

for k in range(J):
    r = random.uniform(0, 1)

    if S == 0:
        S = 1
    if S == N:
        S = N - 1
    if (S < N) and (S > 0):
        if r < p:
            S = S + 1
        else:
            S = S - 1
    print(S)
```


Python 3.7.4 Shell
Python 3.7.4 (v3.7.4:e09359112e, Jul 8 2019, 14:54:52)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================ RESTART: /Users/joce/EE381/project 6/lab6.py ================
Enter probability of a jump. 0.4
Enter the standing position. 9
Enter the boundry position.12
Enter the number of jumps wanted. 15
8
7
6
7
8
7
6
7
8
9
8
9
10
9
8
>>>
Ln: 25 Col: 4