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# EE 381 fall 2018 Project 3

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import random


print('Program simulates Bernoulli random variables.')


p = float(input('Enter the probability of success. '))


t = int(input('Enter the number of trials. '))


for i in range(t):
    r = random.uniform(0,1) # include 0 not 1


    if r < p:
        print('1', end = ' ')
    else:
        print('0', end = ' ')
```