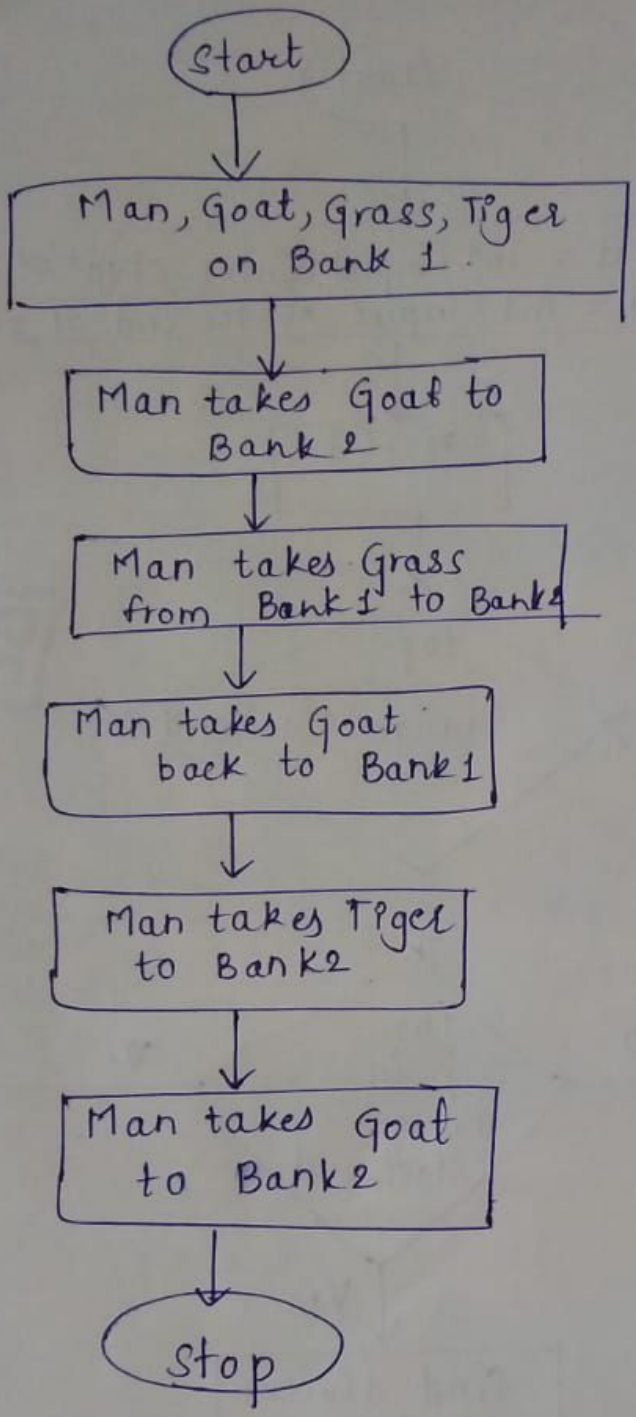
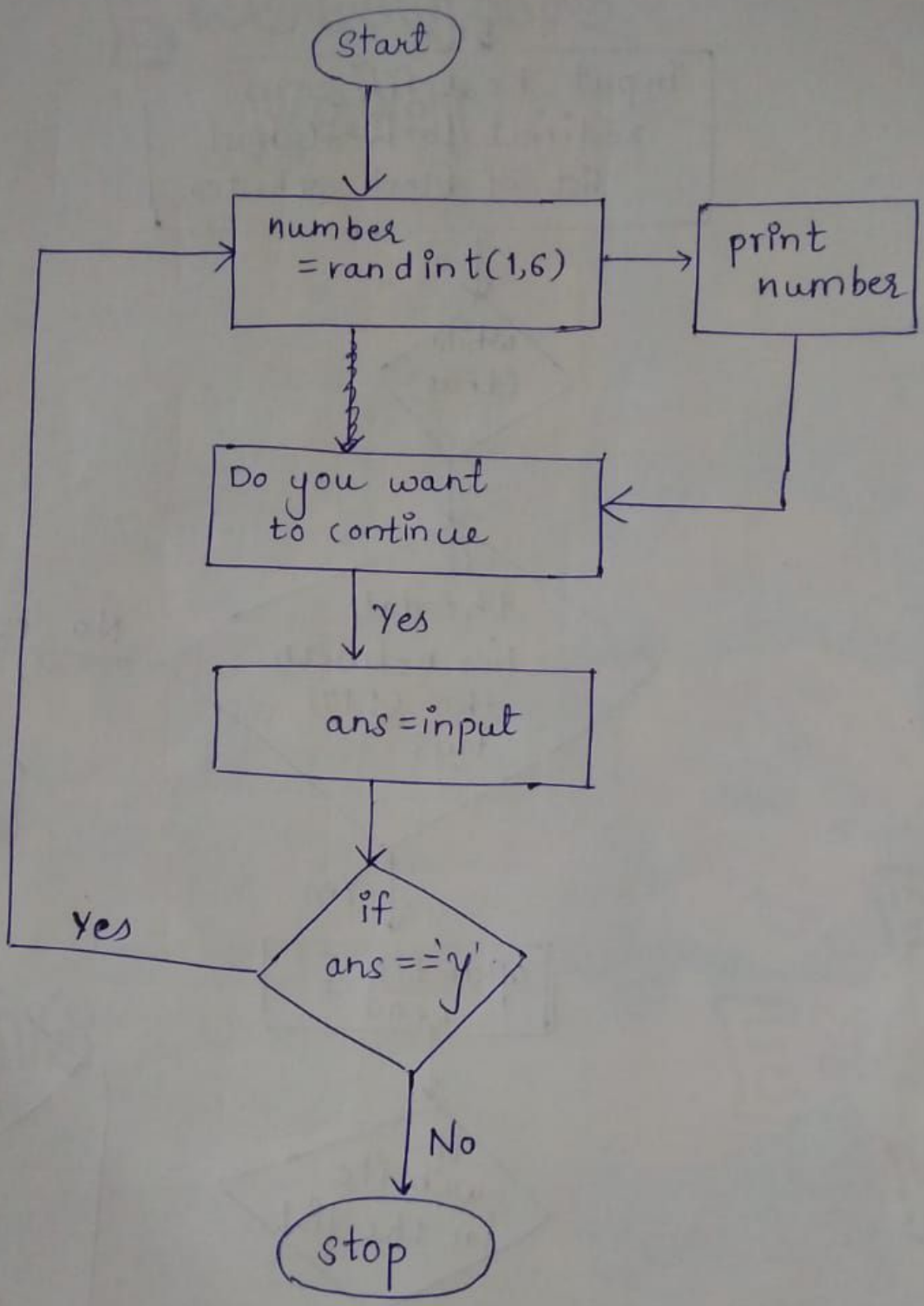
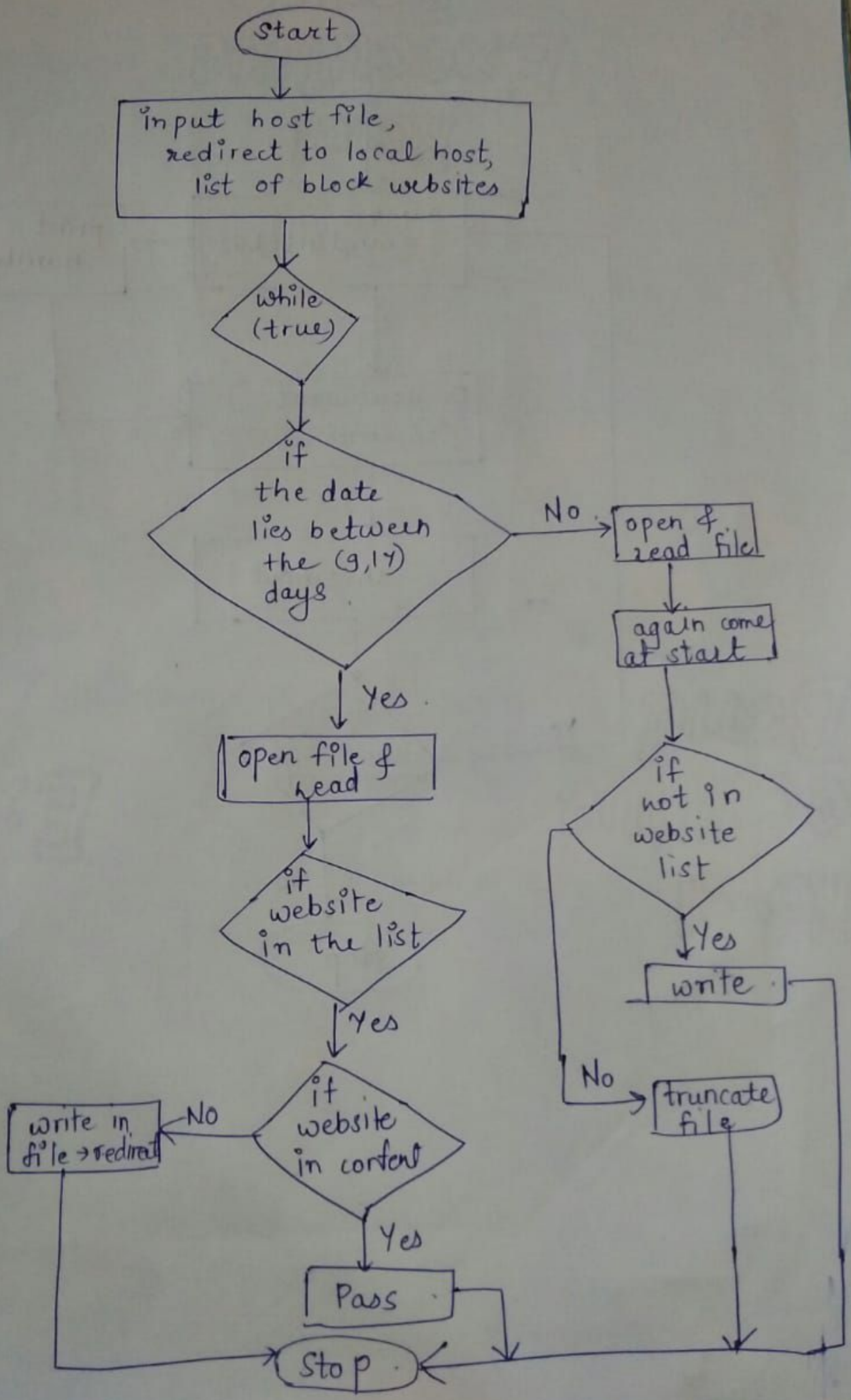
Q1)


Start
Man, Goat, Grass, Tiger on Bank 1
Man takes Goat to Bank 2
Man takes Grass from Bank 1 to Bank 2
Man takes Goat back to Bank 1
Man takes Tiger to Bank 2
Man takes Goat to Bank 2
Stop

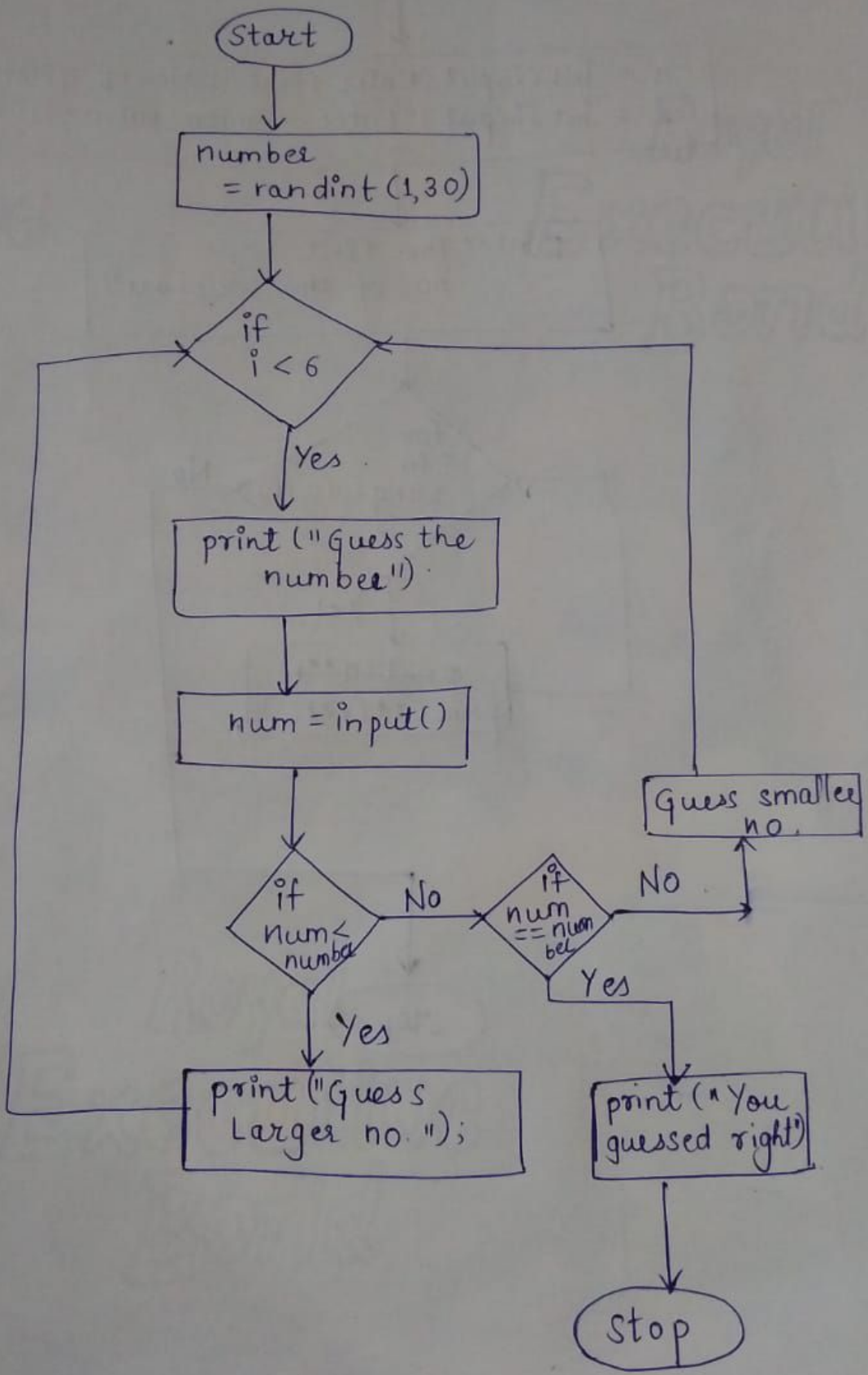
Q2)


Start
number =randint(1,6)
print number
Do you want to continue
Yes
ans =input
if ans =='y'
Yes
No
stop

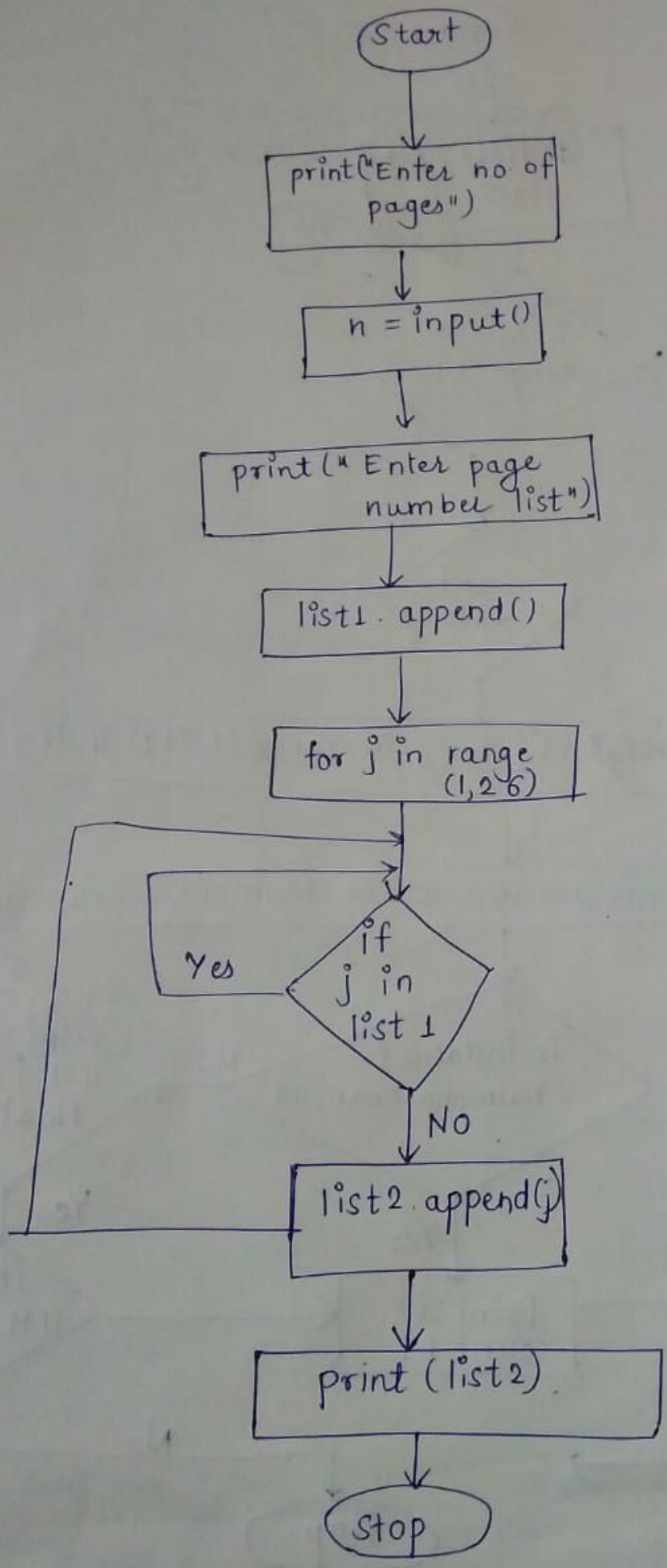
Q3)


Start
input host file, redirect to local host, list of block websites
while (true)
if the date lies between the (9,14) days
No
open & read file
again come at start
Yes
open file & read
if not in website list
if website in the list
Yes
write
Yes
No
truncate file
if website in content
write in file → redirect
No
Yes
Pass
Stop

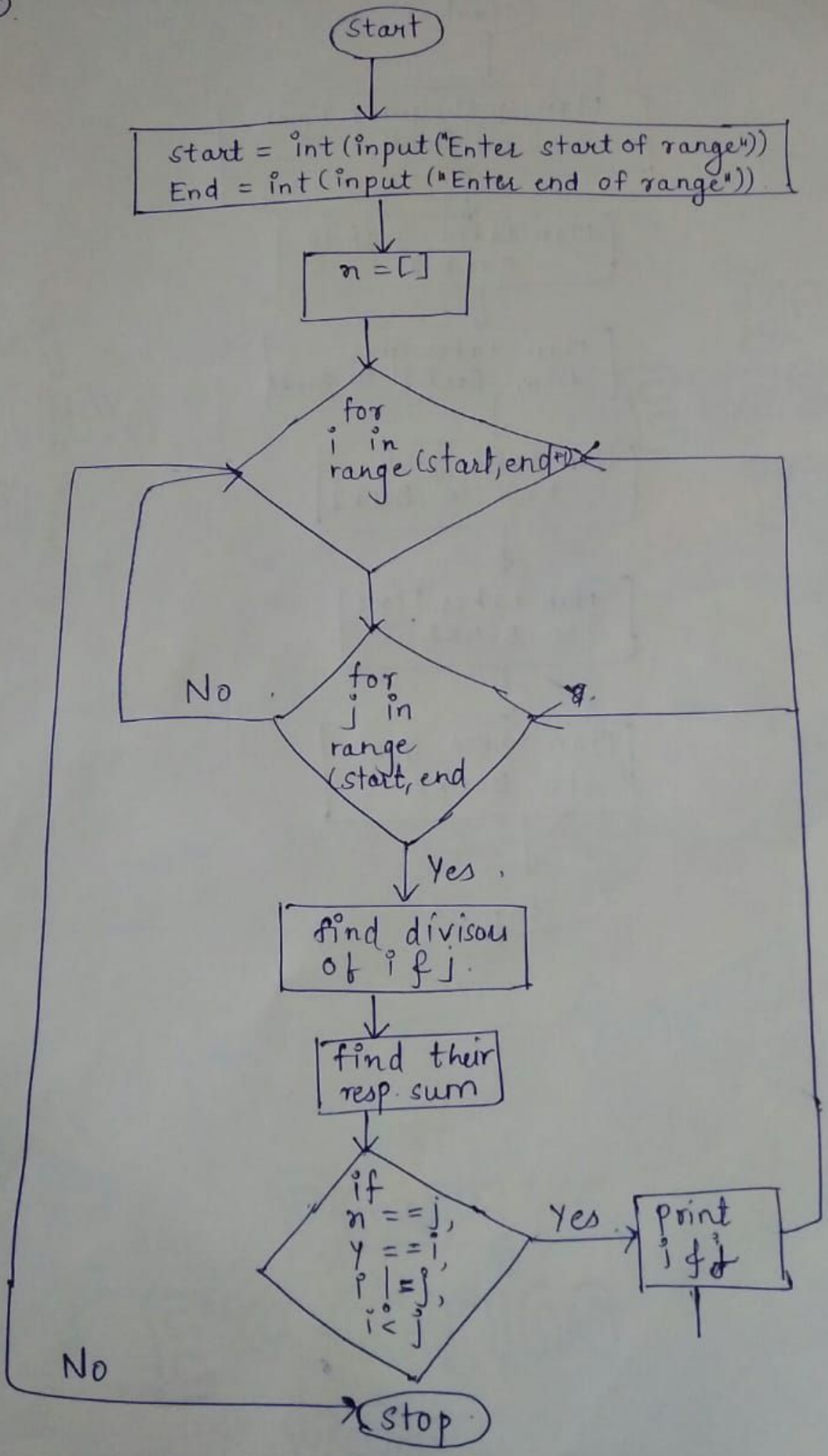
Q4)


Start
number = randint(1,30)
if i < 6
Yes
print("Guess the number")
num = input()
if num < numba
No
if num == number
No
Guess smaller no.
Yes
Yes
print("Guess Larger no.");
print("You guessed right")
Stop

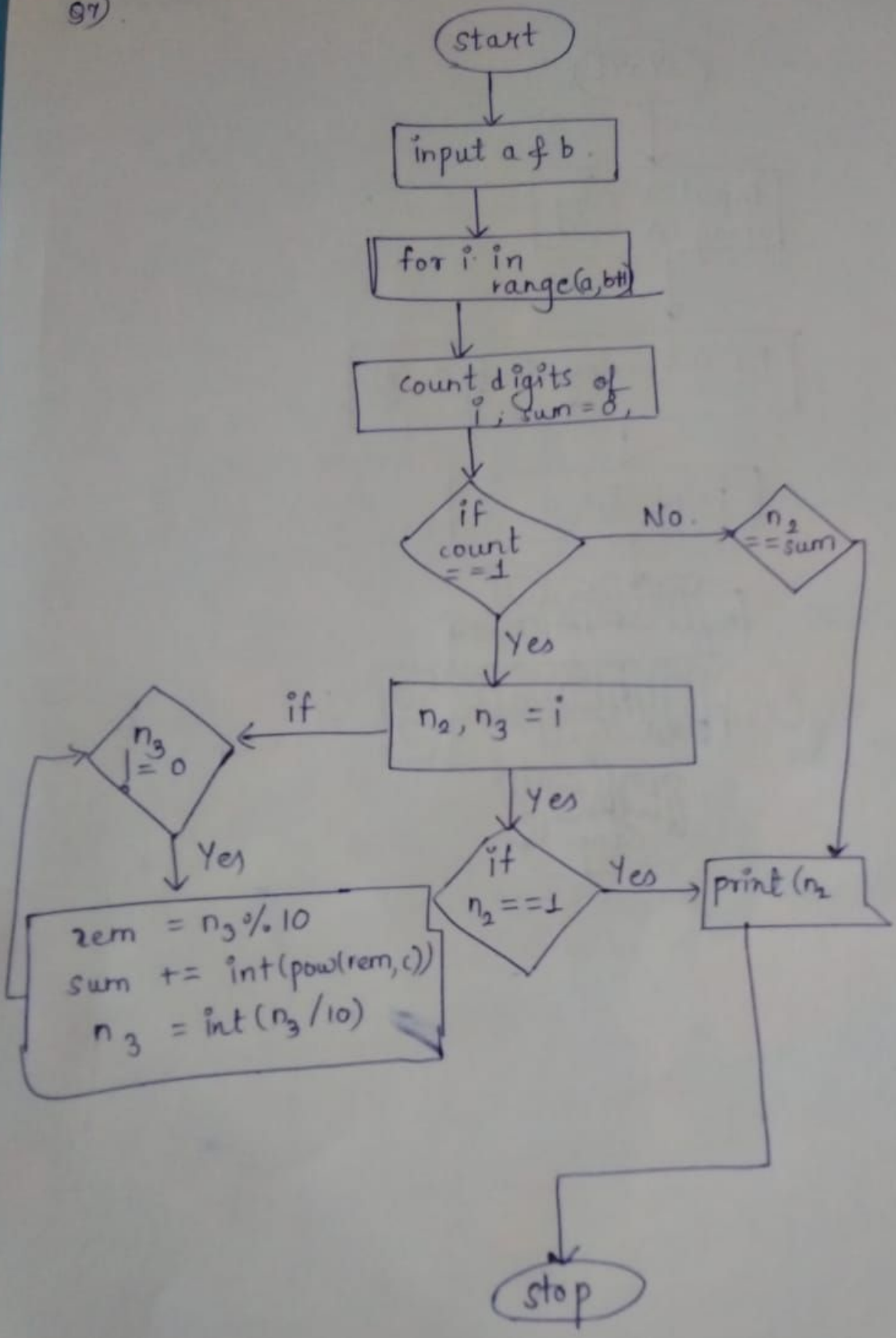
Q5)


Start
print("Enter no of pages")
n = input()
print("Enter page number list")
list1.append()
for j in range (1,26)
if j in list1
Yes
No
list2.append(j)
print (list2)
Stop

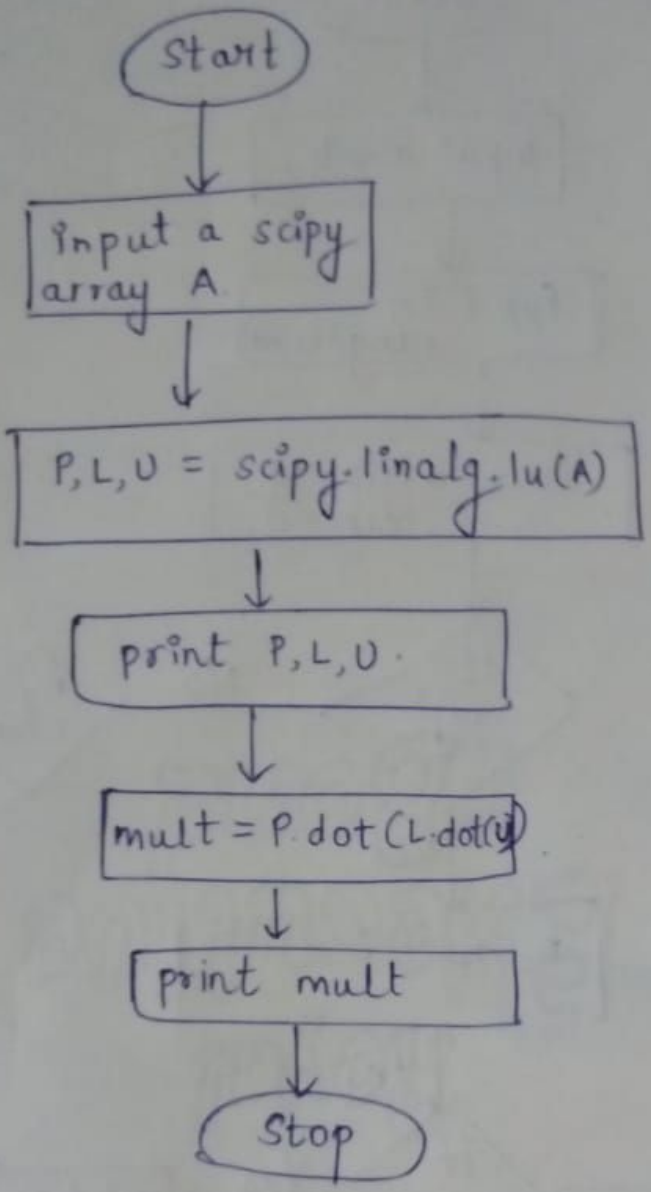
Q6)


Start
start = int(input("Enter start of range"))
End = int(input("Enter end of range"))
n = []
for i in range(start, end+1)
for j in range(start, end
No
Yes
find divisors of i & j
find their resp. sum
if n==j, y==i, i!=j, i<j
Yes
print i & j
No
stop

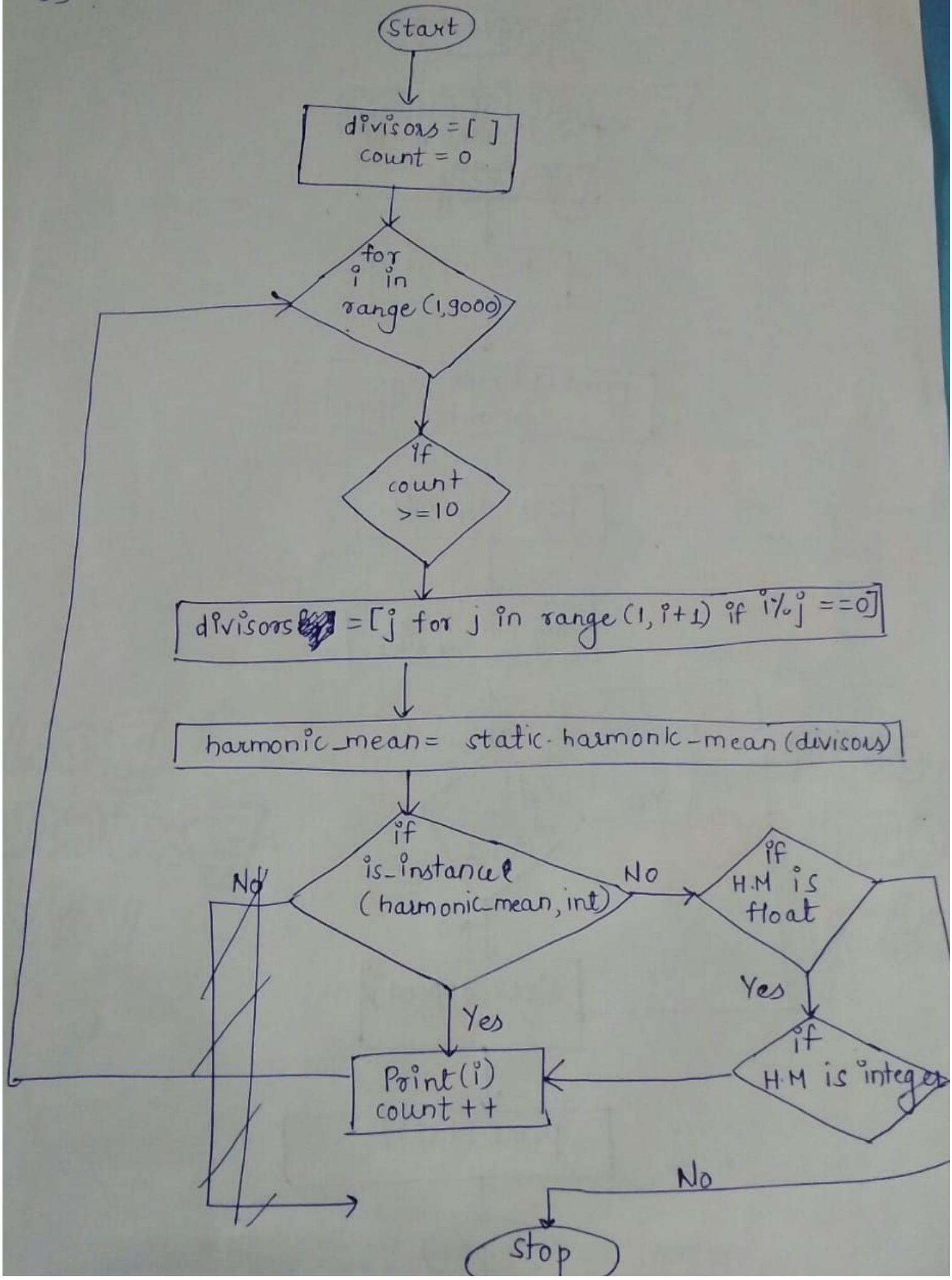
97)


Start
input a & b
for i in range(a,b+1)
count digits of i ; sum = 0,
if count == 1
No
n2 == sum
Yes
n2, n3 = i
if n3 != 0
Yes
Yes
if n2 == 1
Yes
print (n2
rem = n3 % 10
sum += int(pow(rem, c))
n3 = int(n3 / 10)
stop

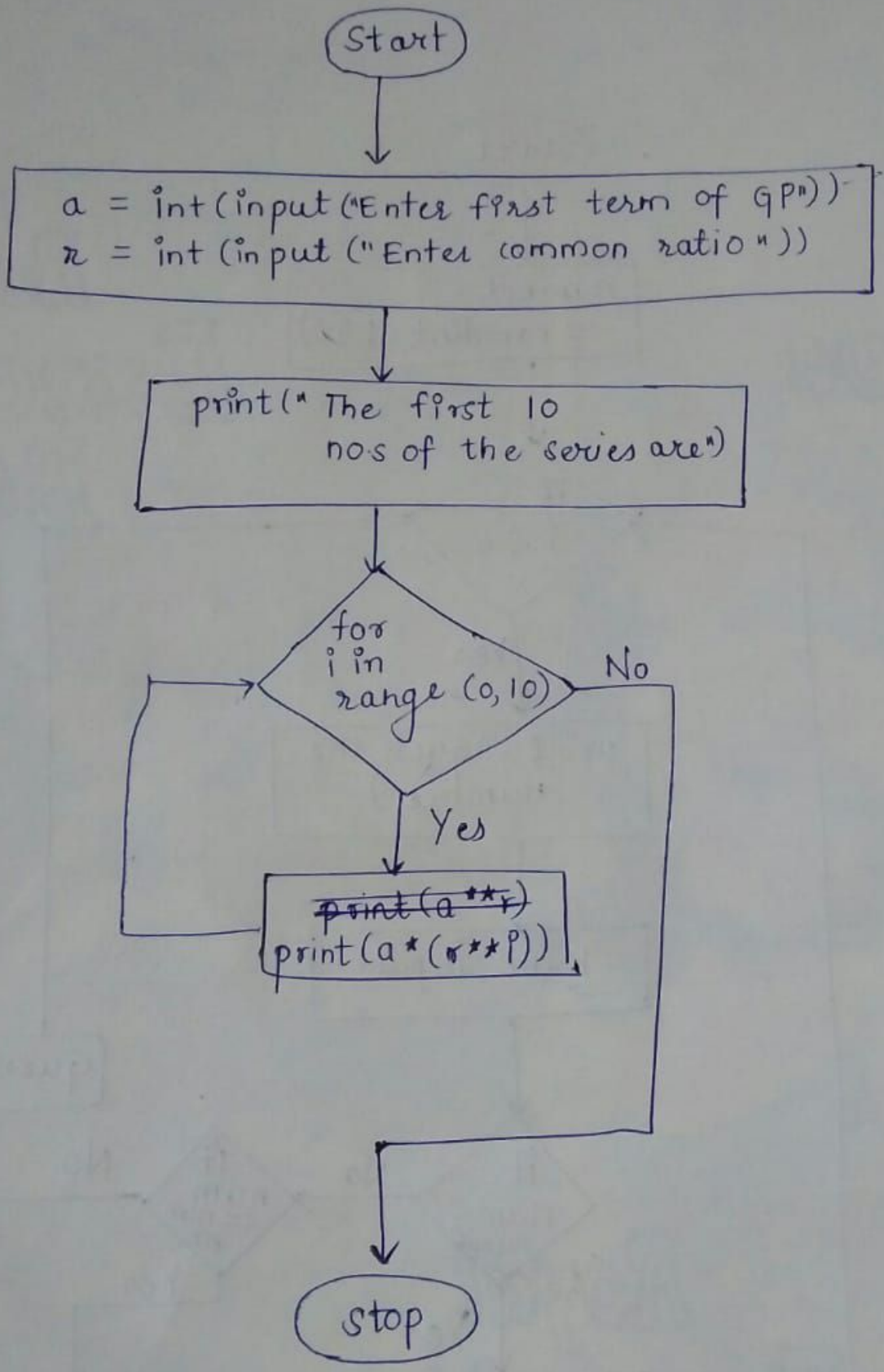
98).


Start
Input a scipy array A
P, L, U = scipy.linalg.lu(A)
print P, L, U.
mult = P.dot(L.dot(U))
print mult
Stop

99)


Start
divisors = [ ]
count = 0
for i in range (1,9000)
if count >=10
divisors = [j for j in range (1, i+1) if i%j ==0]
harmonic_mean = static. harmonic-mean (divisors)
if is_instance (harmonic_mean, int)
No
Yes
if H.M is float
Yes
if H.M is integer
Print (i)
count ++
No
Stop

Q10)


Start
a = int(input("Enter first term of GP"))
r = int(input("Enter common ratio"))
print("The first 10 nos of the series are")
for i in range(0,10)
No
Yes
~~print(a**r)~~
print(a*(r**i))
Stop