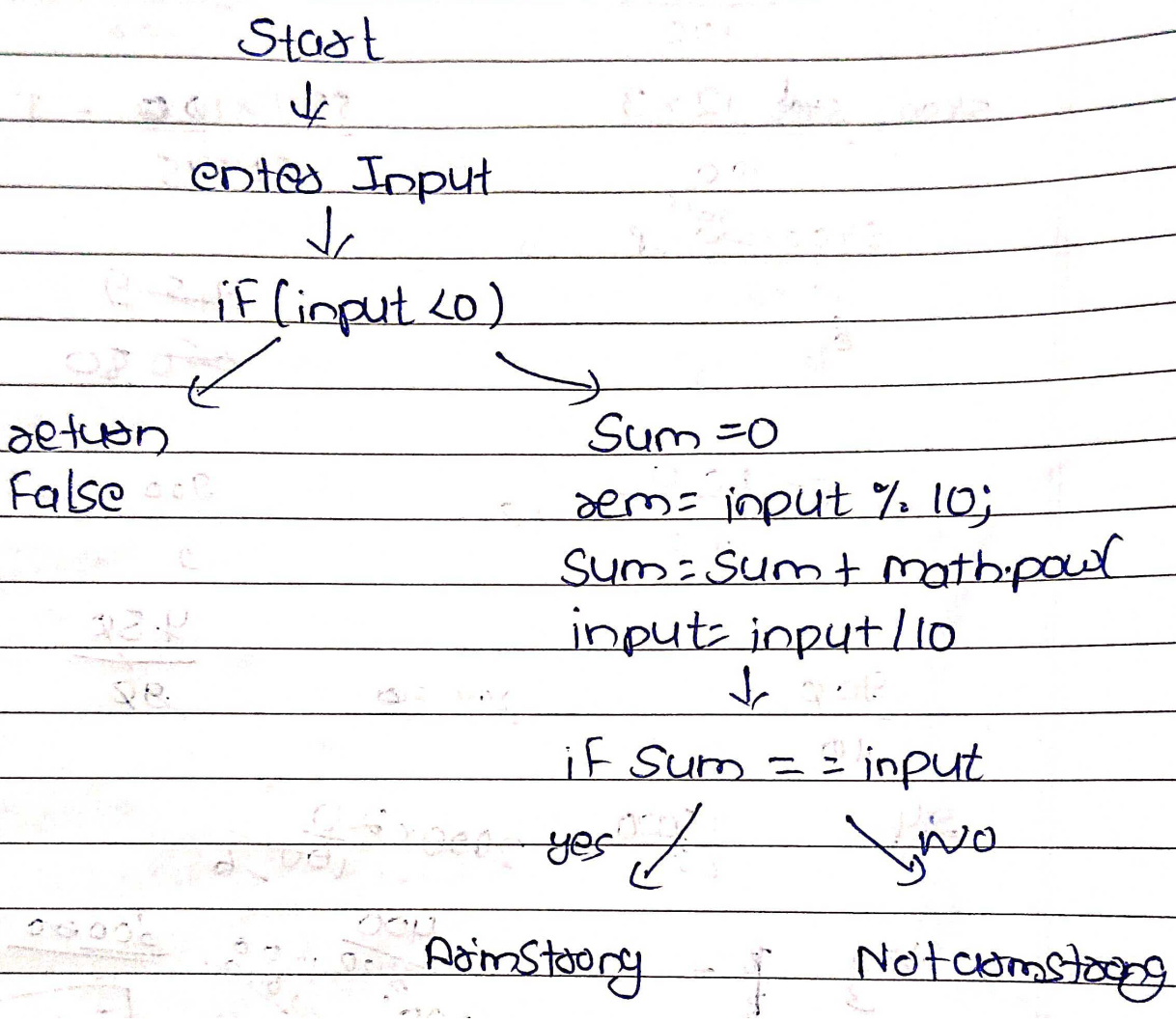
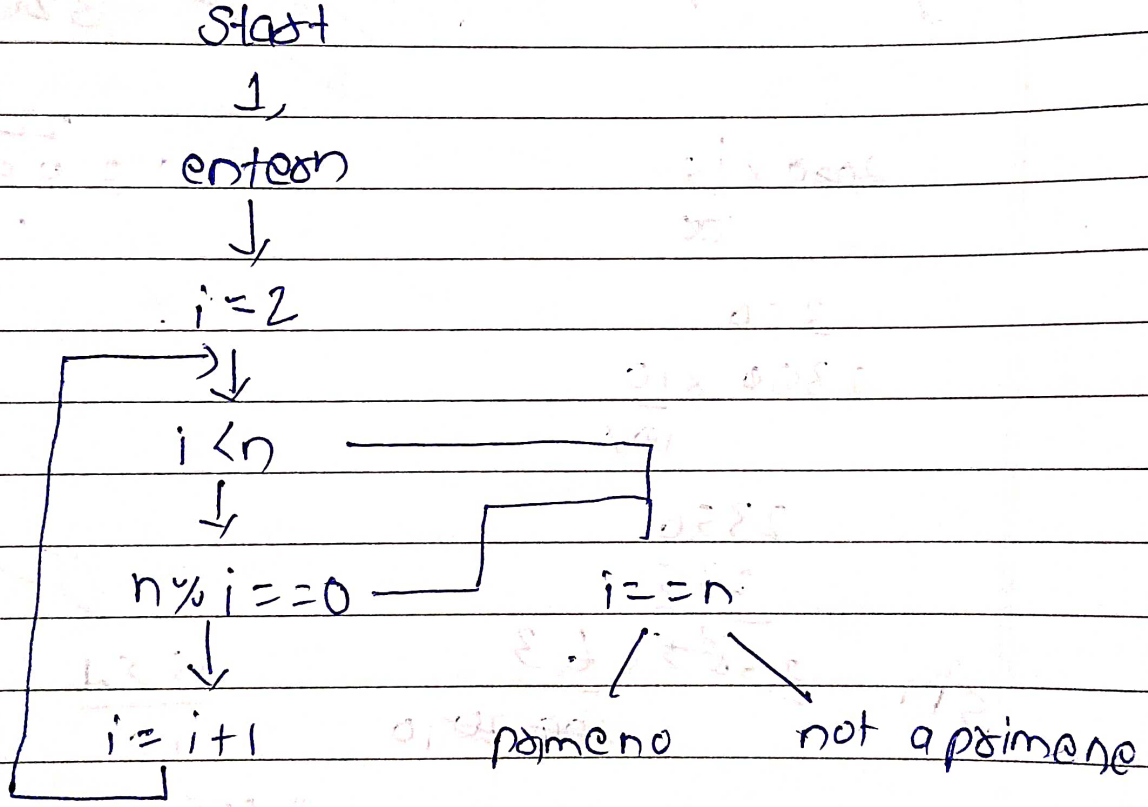
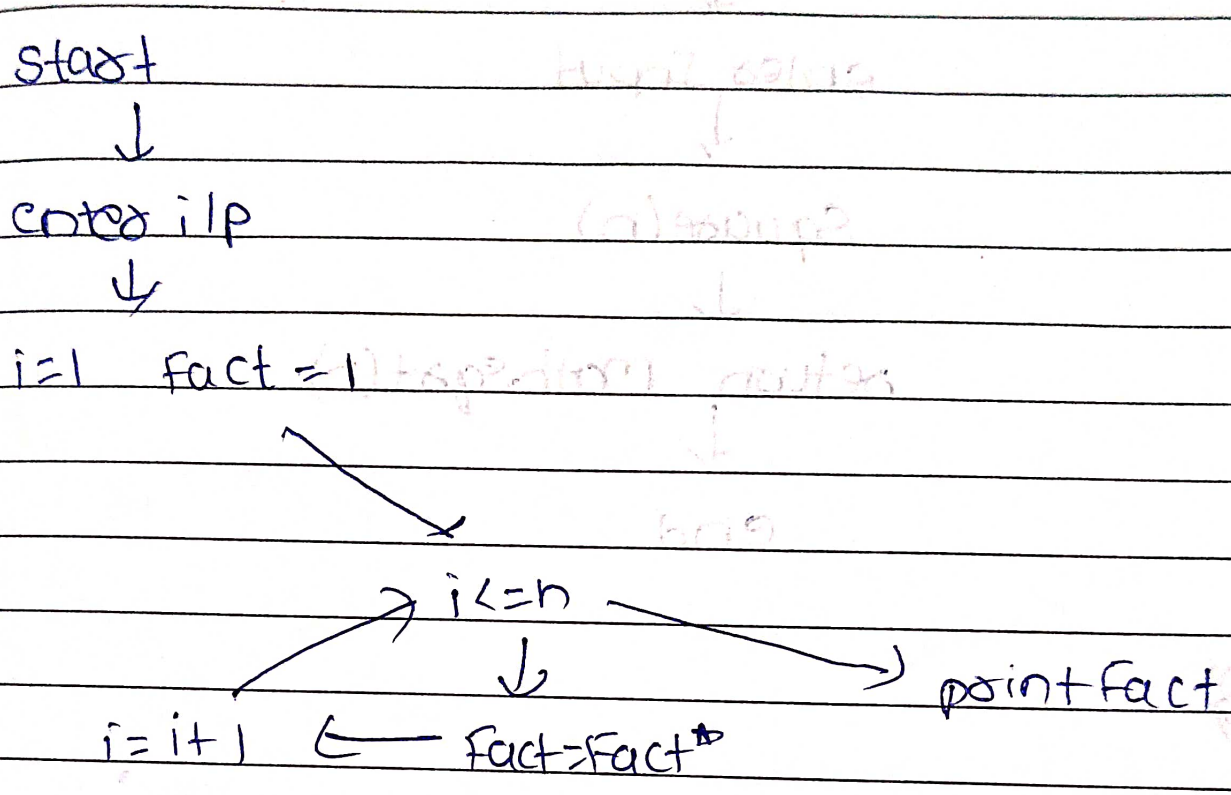
Q1)


Start
enter Input
if (input < 0)
return
False
Sum = 0
rem = input % 10;
Sum = Sum + math.pow
input = input / 10
if Sum == input
yes
no
Armstrong
Not armstrong

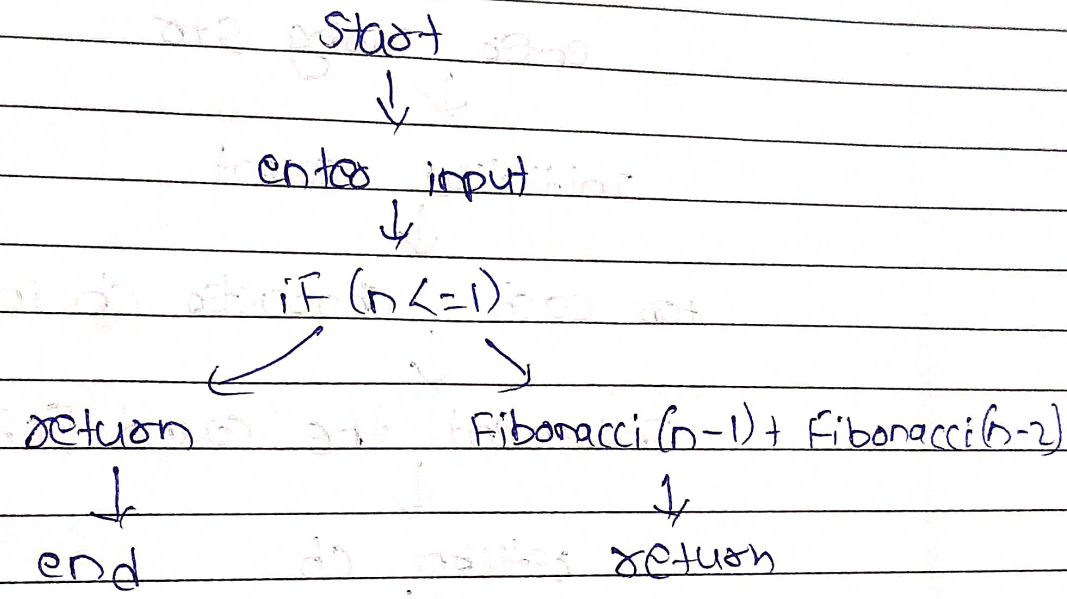
02)



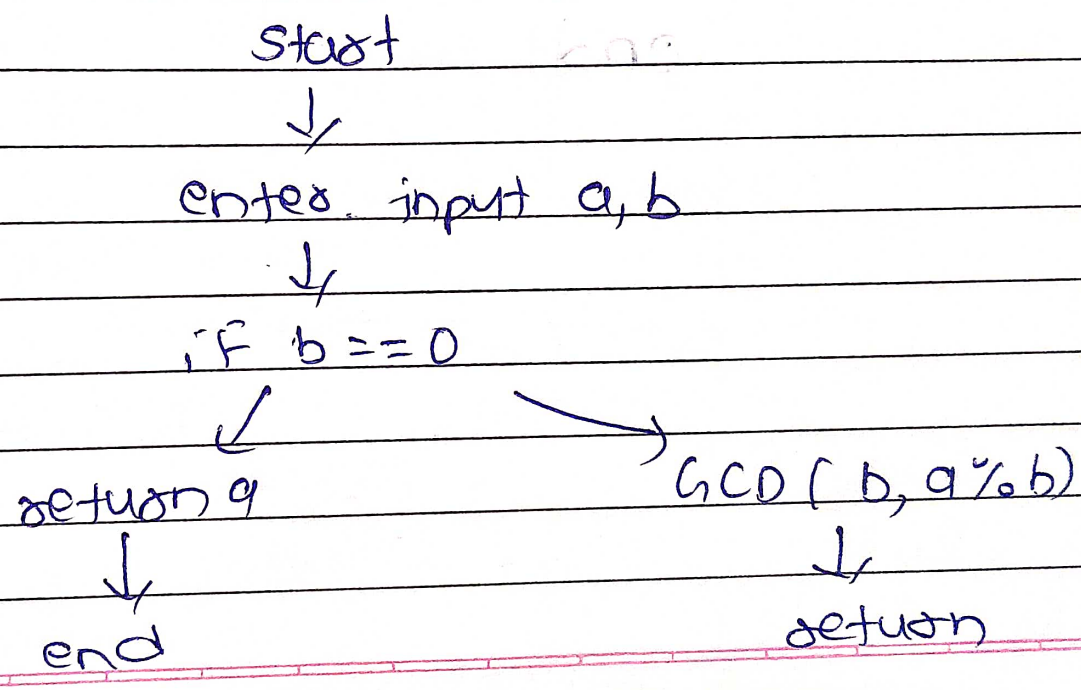
(3)



(4)


start
enter input
if (n<=1)
return
Fibonacci (n-1) + Fibonacci(n-2)
end
return

5)



(06)

Start

↓

enter input

↓

Squareroot (input)

↓

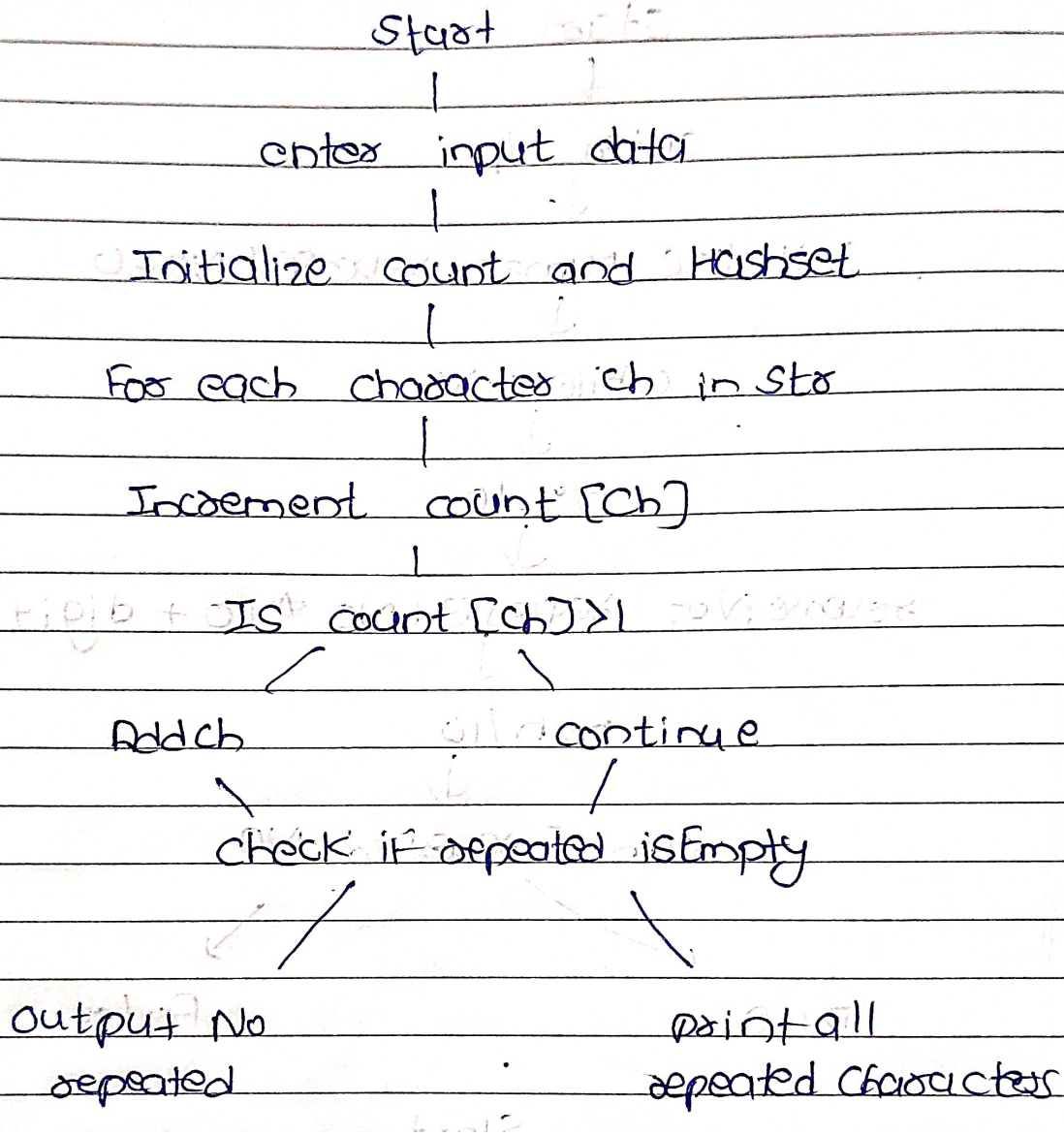
For loop to itrate from 0 to num-1

if (i * i = num)

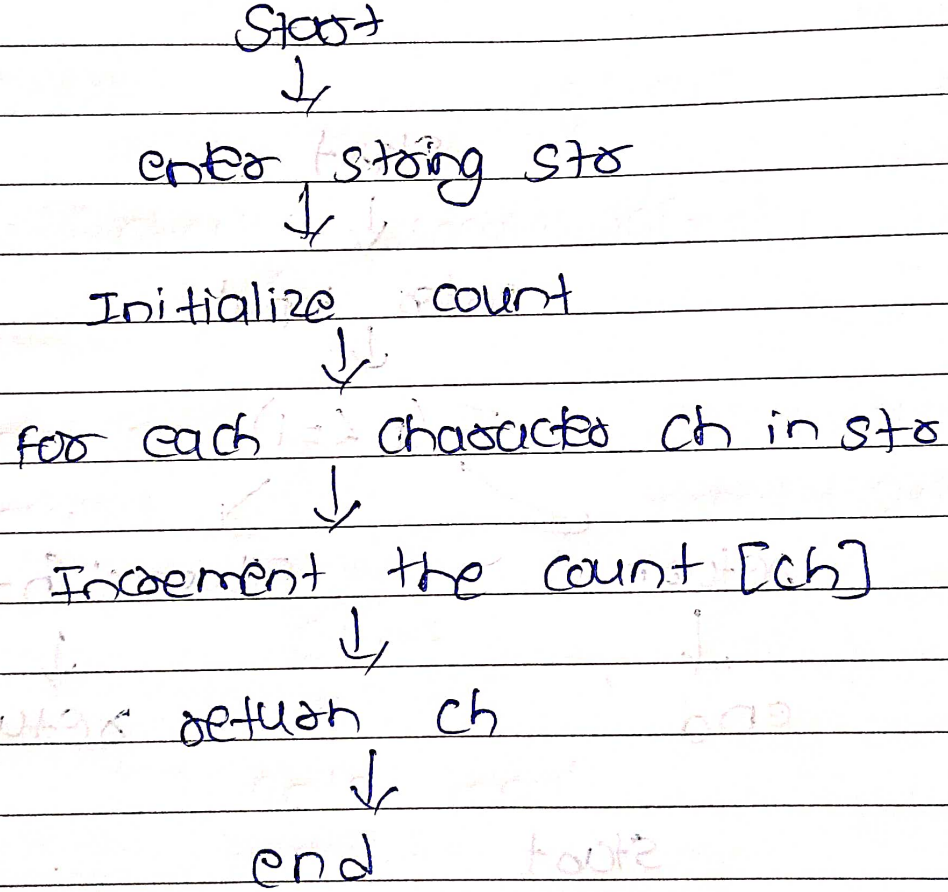
↓ else

return i; → return 0;

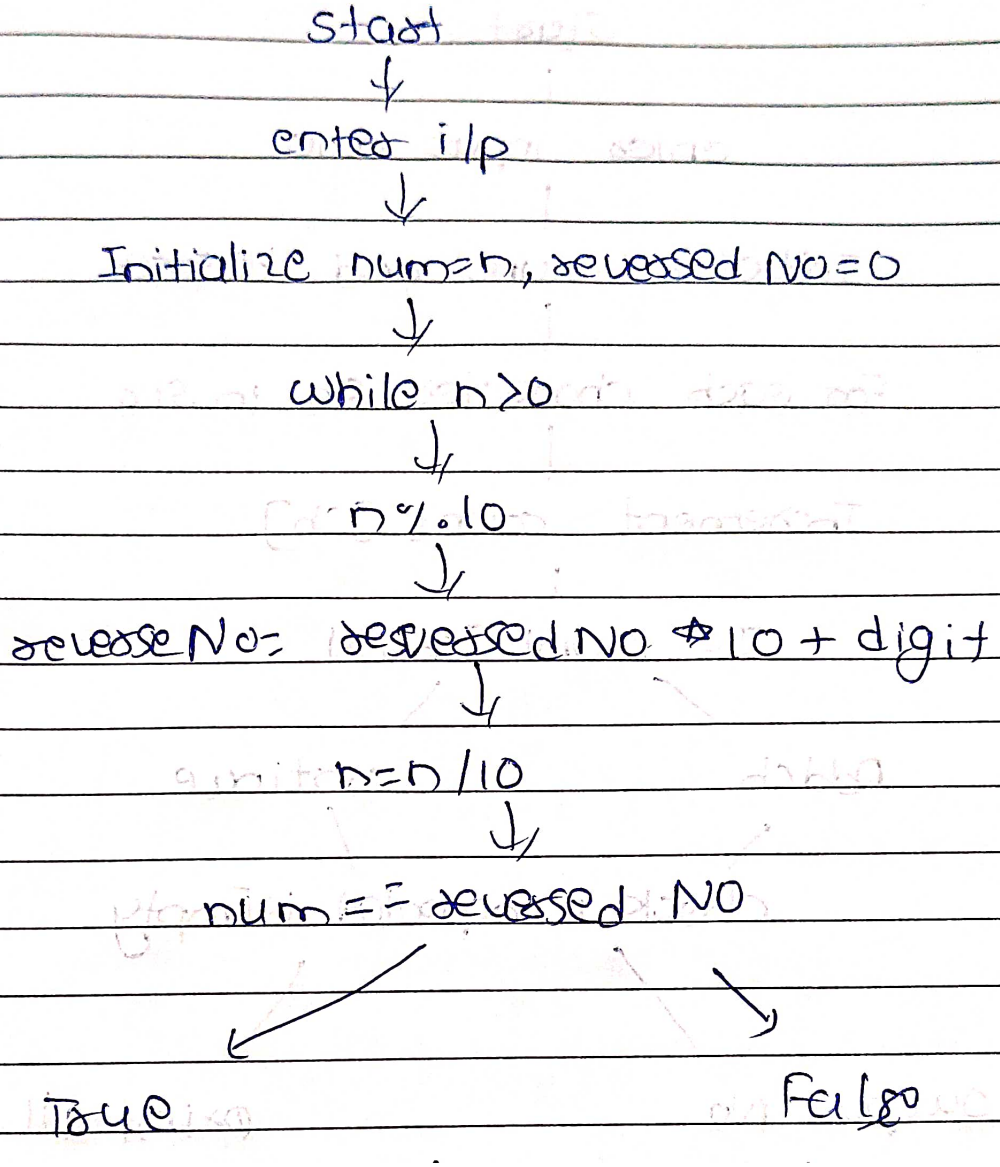
07)


Start
enter input data
Initialize count and Hashset
For each character ch in str
Increment count [ch]
IS count [ch] > 1
Add ch
continue
check if repeated isEmpty
output No repeated
print all repeated characters

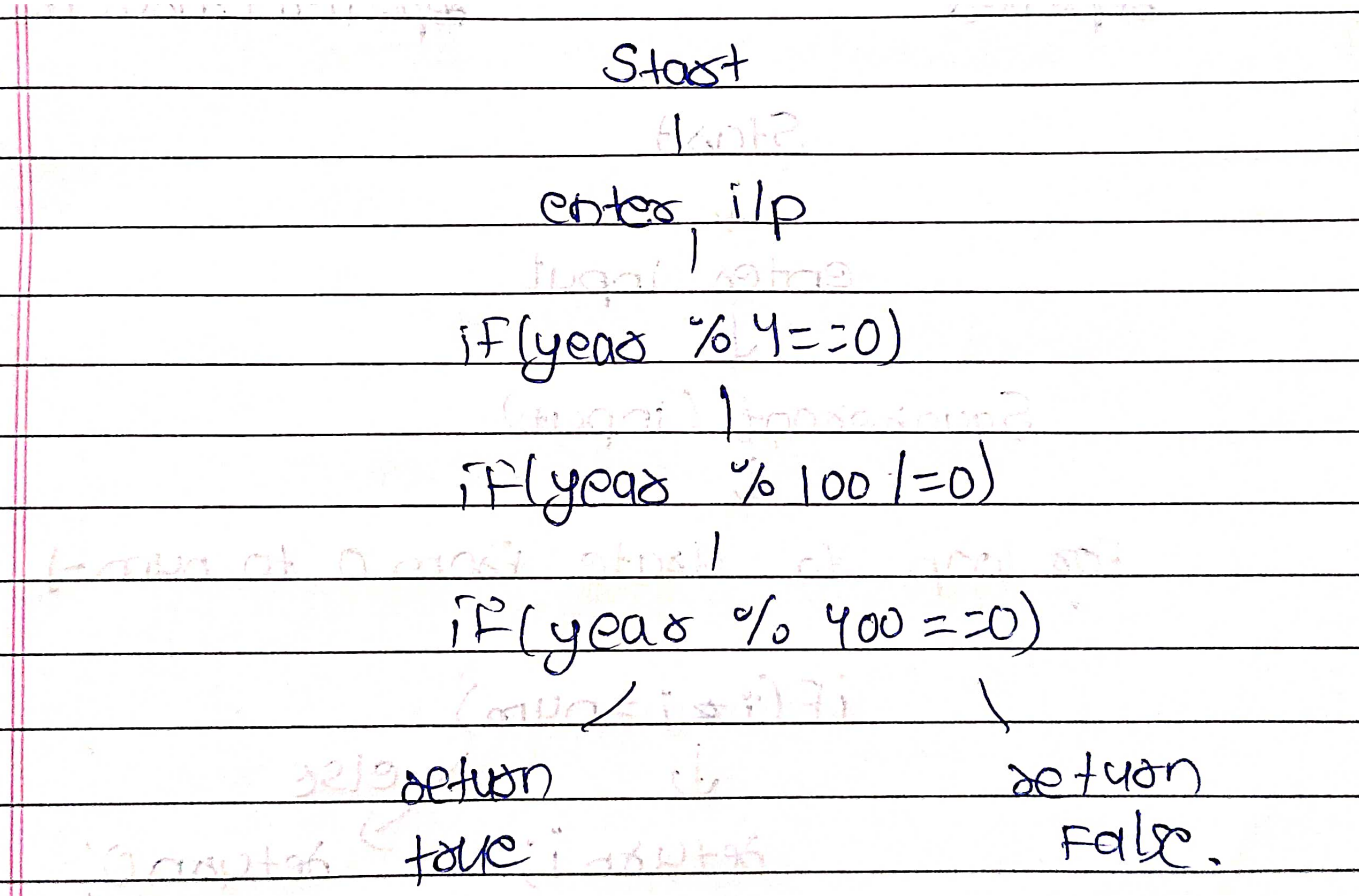
9)8


Start
enter string str
Initialize count
for each character ch in str
Increment the count [ch]
return ch
end

09)


start
enter i/p
Initialize num=n, reversed NO=0
while n>0
n%.10
reverse NO= reversed NO *10 + digit
n=n/10
num == reversed NO
True
False

Q10)


Start
enter i/p
if(year % 4==0)
if(year % 100 !=0)
if(year % 400 ==0)
return true
return false.