INPUT	PROCESS	OUTPUT
• n1 • n2	• check if <= n1 and n2 • check mode of n1 and n2 w/ i • increment i • check if hcf = 1	• Coprme or not

START

INPUT $n_1^{n_2}$: INTEGER .

hcf , i = 1 : INT

IF((i <= n1) AND (i <= n2)) THEN

IF((n1 % i == 0) AND (n2 % i == 0)) THEN

hcf = i .

ENDIF

i = i+1 .

ENDIF.

IF (hcf = 1) THEN .

Print ("Co prime")

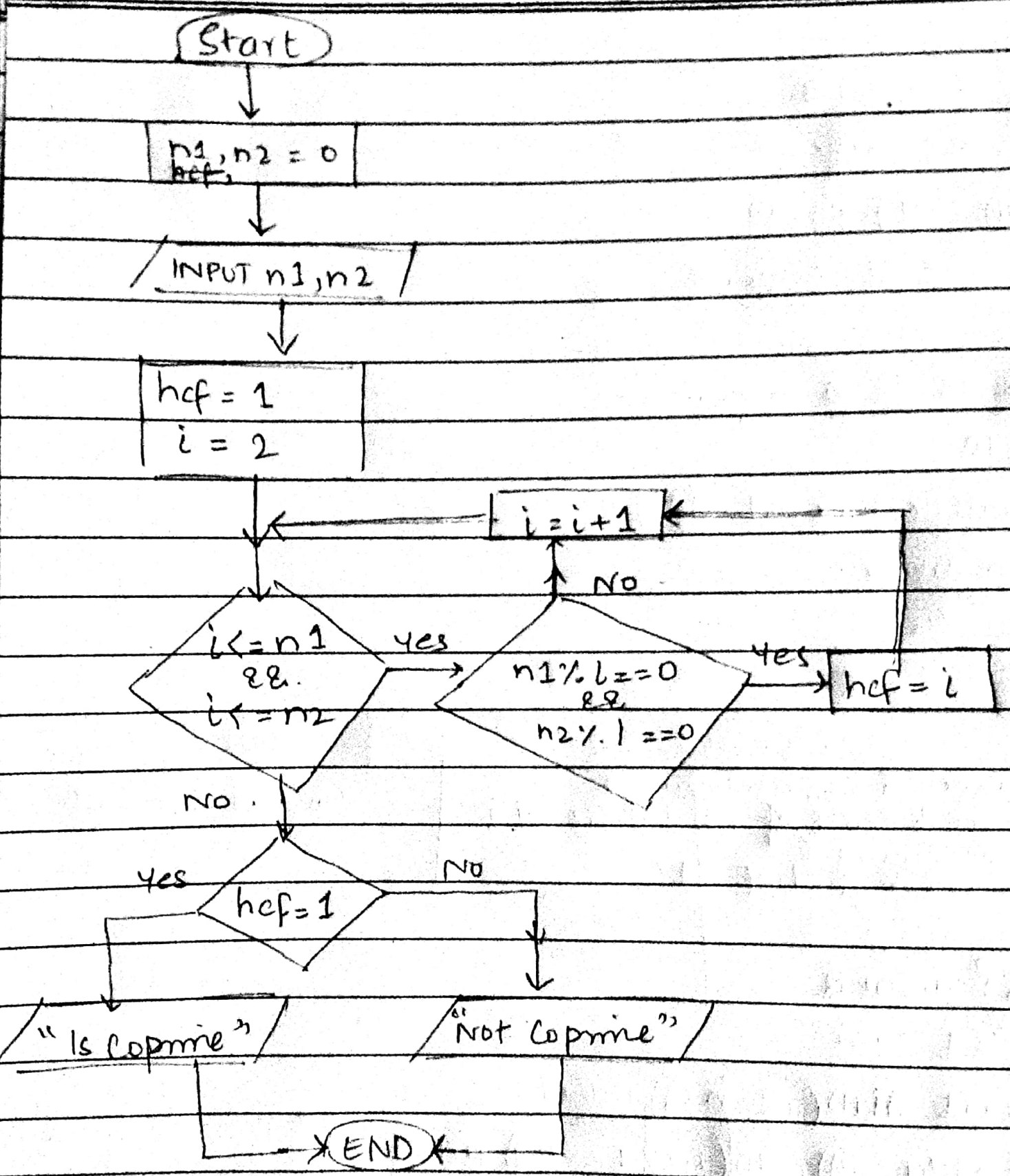
ELSE :

PRINT ("Not Coprme")

ENDIF

END .

Date:


Start
n1, n2 = 0
INPUT n1, n2
hcf = 1
i = 2
i = i+1
No
i<=n1 && i<=n2
yes
n1%i==0 && n2%.i ==0
yes
hcf = i
No
yes
hcf=1
No
"Is Coprime"
"Not Coprime"
END