

PF Theory Assignments:-

Date - 05/5/9 , BSCS - 14.

Basil - oddin - Khan.

Q1).

Pseudocode :-

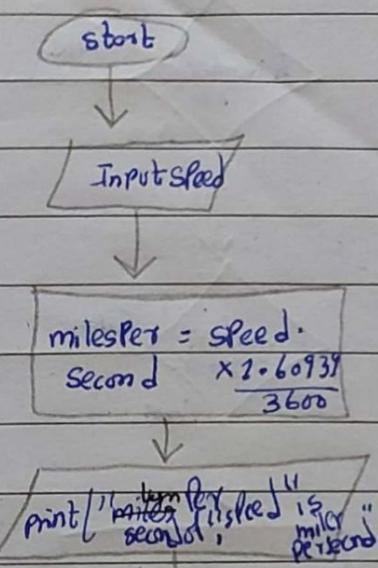
Declare speed : INTEGER

Miles per second : Real.

Input speed

$$\text{miles per second} = \frac{\text{speed} \times 1.60934}{3600}$$

print("miles per second of", speed, "is", milespersecond)

Flowchart :-I/O chart :-

INPUT	PROCESSING	MODULE REFERENCE	OUTPUT
Speed	1. Enter speed 2. calculate speed in miles per second $\text{miles per second} = \frac{\text{speed} \times 1.60934}{3600}$ 3. Print(miles per second) 4. END	Read Speed calcSpeed(miles per second) = $\frac{\text{speed} \times 1.60934}{3600}$ printSpeed(miles)	milespersecond.

Q2). Pseudocode :-

Declare Number : INTEGER.

Input Number

If Number > 0

Then If Number % 2 = 0

THEN print("The", Number, "is even")

ELSE print ("The", Number, "is odd")

ENDIF

Else print("Invalid Input") GENIUS

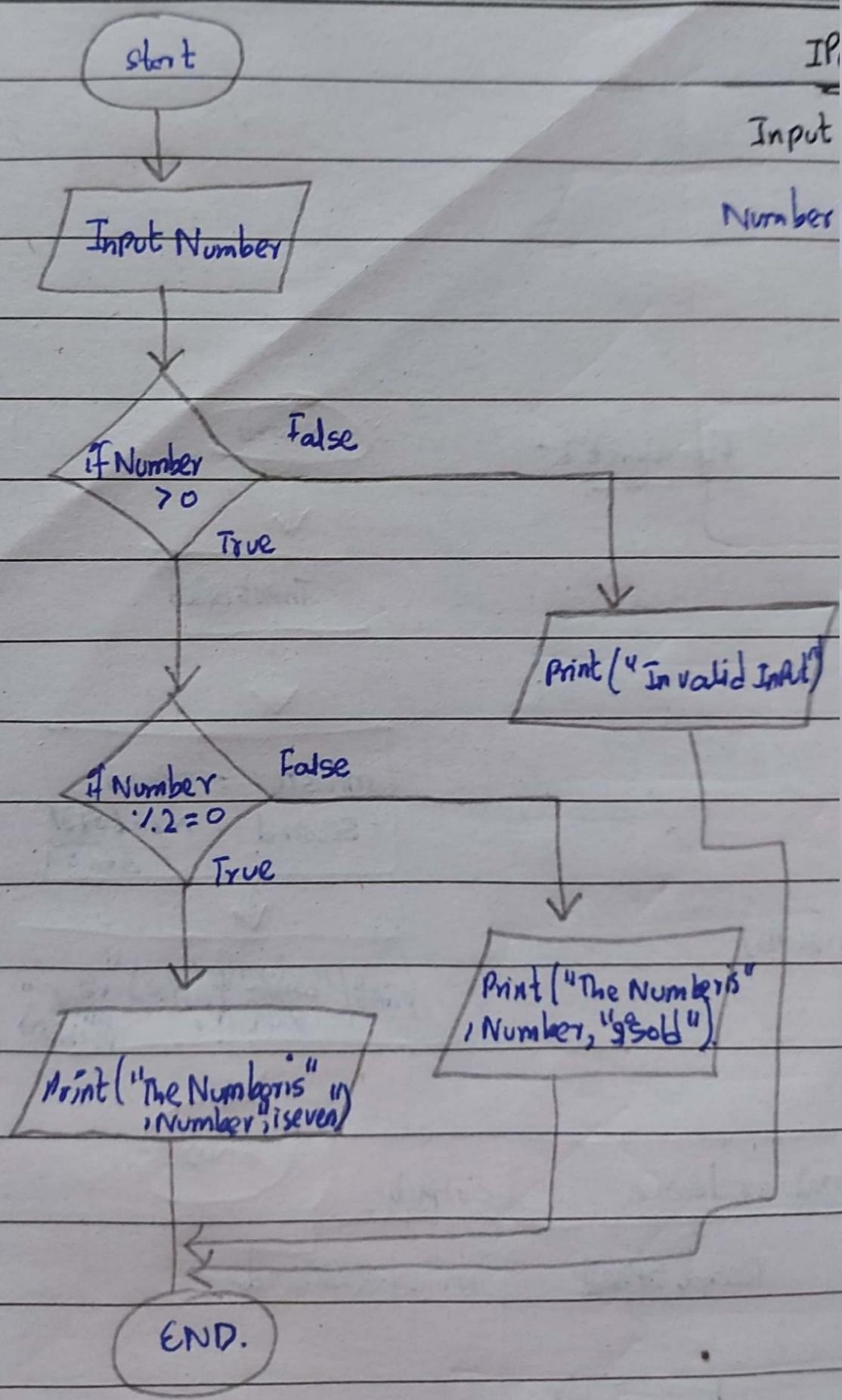
ENDIF

246 - 0559
Bazil-uddin-Uhan

Q2.
Flowchart of

IP.

Input
Number



G). IPOchart :-

INPUT	Processing	Module Reference	Output
Number	1- ENTER Number	Read Number	
	2- if (Number > 0)	(Number > 0)	
	3- if (Number % 2 = 0)	(Number % 2 = 0)	
	4- Print ("The Number, "even")	Print	("The Number, "even")
	5- ELSE	Else	
	6- Print ("The Number, "is odd")	Print	("The Number, "is odd")
	7- ELSE	Else.	
	8- Print ("Invalid Input")	Print	("Invalid Input")
	9- END		

(D3). Pseudocode :-

Declare Age : INTEGER

Declare Province : STRING

Declare Gender : STRING

Input Age

Input Province

if Province = Sindh

Then

if Age < 18

Then

print("Not eligible to marry According to law in Sindh")

Else

print("Eligible to marry According to law in Sindh")

ENDIF

ENDIF

Else if Province = Punjab

Then

if print("ENTER Gender")

Input Gender

if Gender = "Boy"

Then

if Age > 18

Then

print("Eligible to marry According to law in Punjab")

Else

print("NOT Eligible to marry According to law in Punjab")

ENDIF

ENDIF

Elseif Gender = "Girl"

Then

IF Age > 16

Then

print("Eligible to marry According to law in Punjab")

Else

print("NOT Eligible to marry According to law in Punjab")

ENDIF

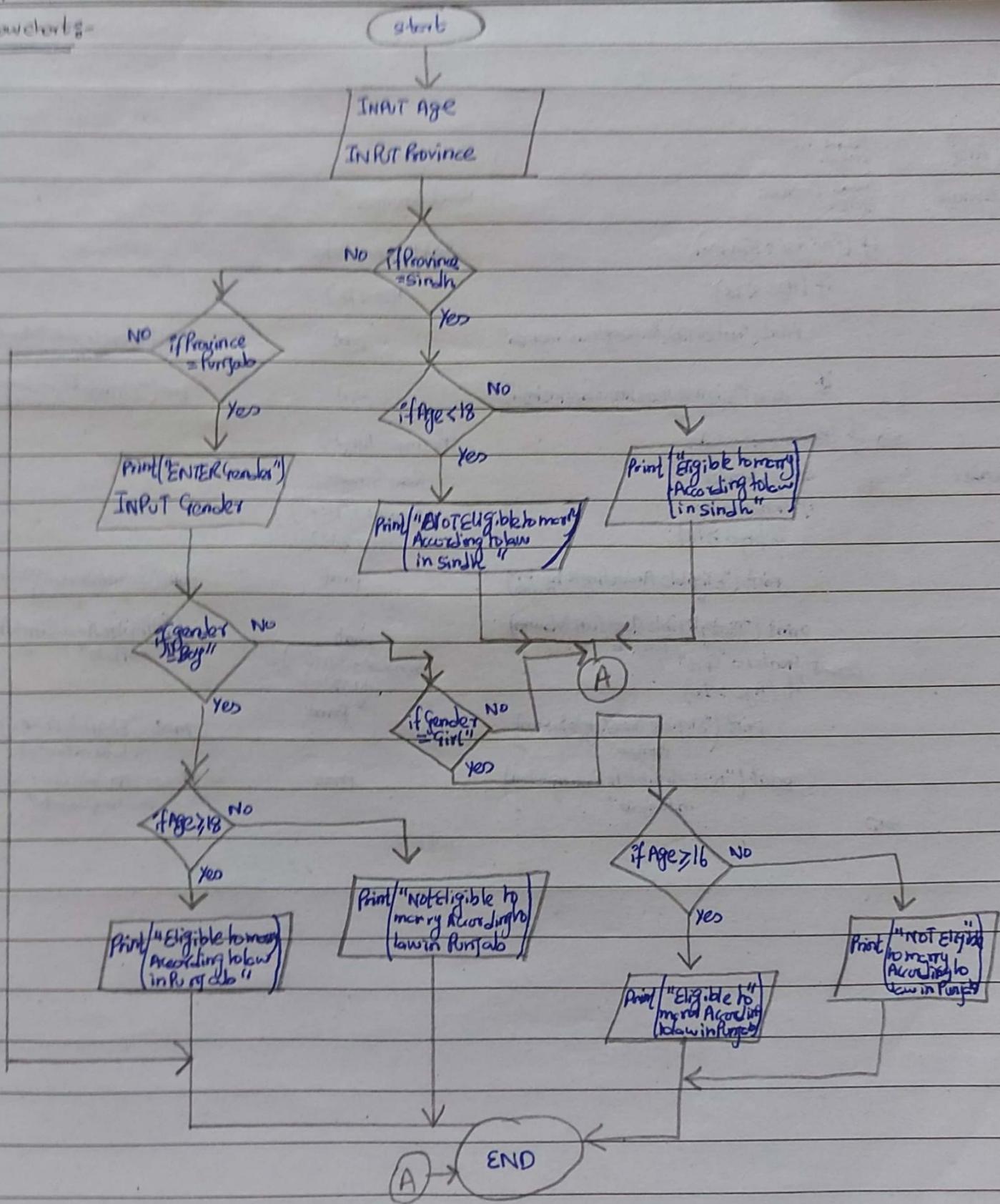
ENDIF

ENDIF

Q3.

Basil Ullah Khan, 246-0597, BSCS - II.

Date _____

Flowchart :-

GENIUS

IPO :-

INPUT	PROCESSING	Module Reference	Output
Age	1. ENTER Read Age 2. if (Age < 18)	Read Age	
Province	3. if (Province = Sindh) 4. if (Age < 18) 5. Print ("Not Eligible According to law in Sindh") 6. Else print ("Eligible According to law in Sindh") 7. Else if (Province = Punjab)	(Province = Sindh) (Age < 18) print Else print Elseif (Province = Punjab)	print ("Not Eligible According to law in Sindh") print ("Eligible According to law in Sindh")
Gender	8. ENTER Gender 9. if Gender = "Boy" 10. if (Age >= 18) 11. print ("Eligible According to law in Punjab") 12. Else 13. print ("Not Eligible According to law in Punjab") 14. Else if Gender = "Girl" 15. if (Age > 16) 16. print ("Eligible According to law in Punjab") 17. Else 18. print ("Not Eligible According to law in Punjab") 19. END	Read Gender (Gender = "Boy") (Age >= 18) print Else print (Gender = "Girl") (Age > 16) print Else print END	print ("Eligible According to law in Punjab") print ("Not Eligible According to law in Punjab") print ("Eligible According to law in Punjab") print ("Not Eligible According to law in Punjab")

Pseudocode: Declare Totalamount, vegetable, quantityvege, quantityapn, quantitygrape: INTEGER
 Declare vegetable, fruit: STRING
 Declare onionpriceperkg, phapeoplekg, apricotperkg, fruitperkg: float Date _____

Q4). print("How much money Mr. Bala has")

Input Totalamount

Print ("ENTER vegetable")

Input vegetable

Print ("ENTER fruit")

Input fruit

if vegetable = "onions"

THEN.

print ("ENTER Price in market Perkg")

Input onionperkg.

Print ("ENTER Quantity to be purchased")

Input quantityvege

Amountleft = Totalamount - [onionperkg \times quantityvege]

Totalamount = Amountleft

ENDIF

if vegetable = "Tomatoes".

THEN

print ("ENTER Price Perkg of tomatoes")

Input priceperkg1

Print ("ENTER Quantity to be Purchased")

Input quantityvege

If Totalamount > [Quantityvege \times priceperkg1]

THEN

Amountleft
Totalamount = Totalamount - [Quantityvege \times price Perkg1].

Totalamount

Amountleft = Totalamount - Amountleft

Else

print ("you have less money")

ENDIF

ENDIF

if fruits = "apricots"

THEN

print ("ENTER Price per kg ")

Input apricotperkg

Print ("ENTER Quantity")

Input quantityapricot

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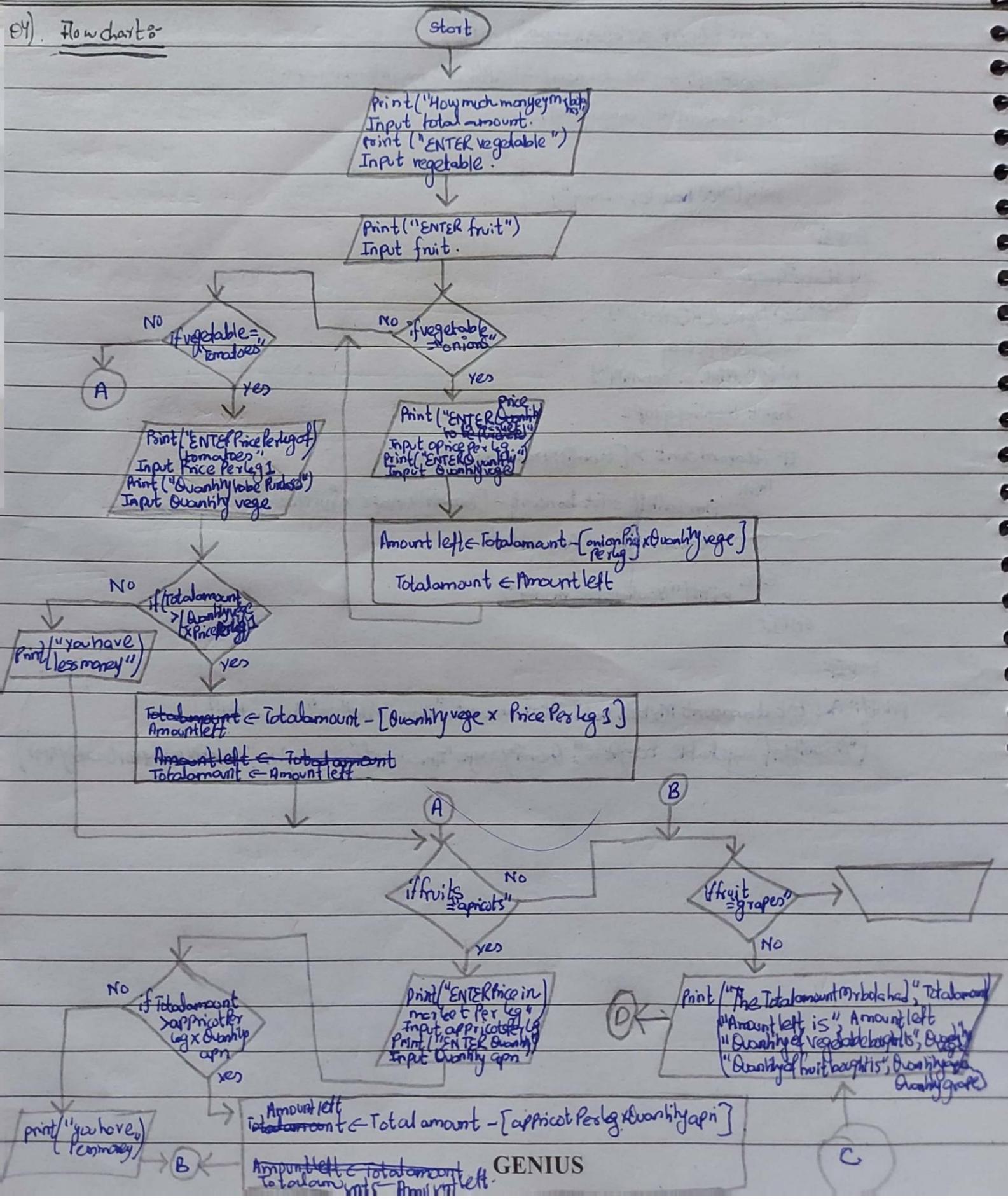
```
if Totalamount > ApricotPerLg x QuantityApricot
    THEN
        Amountleft ← Totalamount - [ApricotPerLg x QuantityApricot]
        Totalamount ← amountleft

    ELSE
        Print("you have less money")
    ENDIF

if fruit = "grapes"
    THEN
        Print("ENTER PricePerLg")
        Input fruitPerLg
        Print("ENTER a quantity")
        Input Quantitygrape
        IF Totalamount > [Quantitygrape x fruitPerLg].
            THEN
                Amountleft = Totalamount - [Quantitygrape x fruitPerLg]
                Totalamount = Amountleft
            ELSE
                Print("You have less money")
            ENDIF
        ENDIF

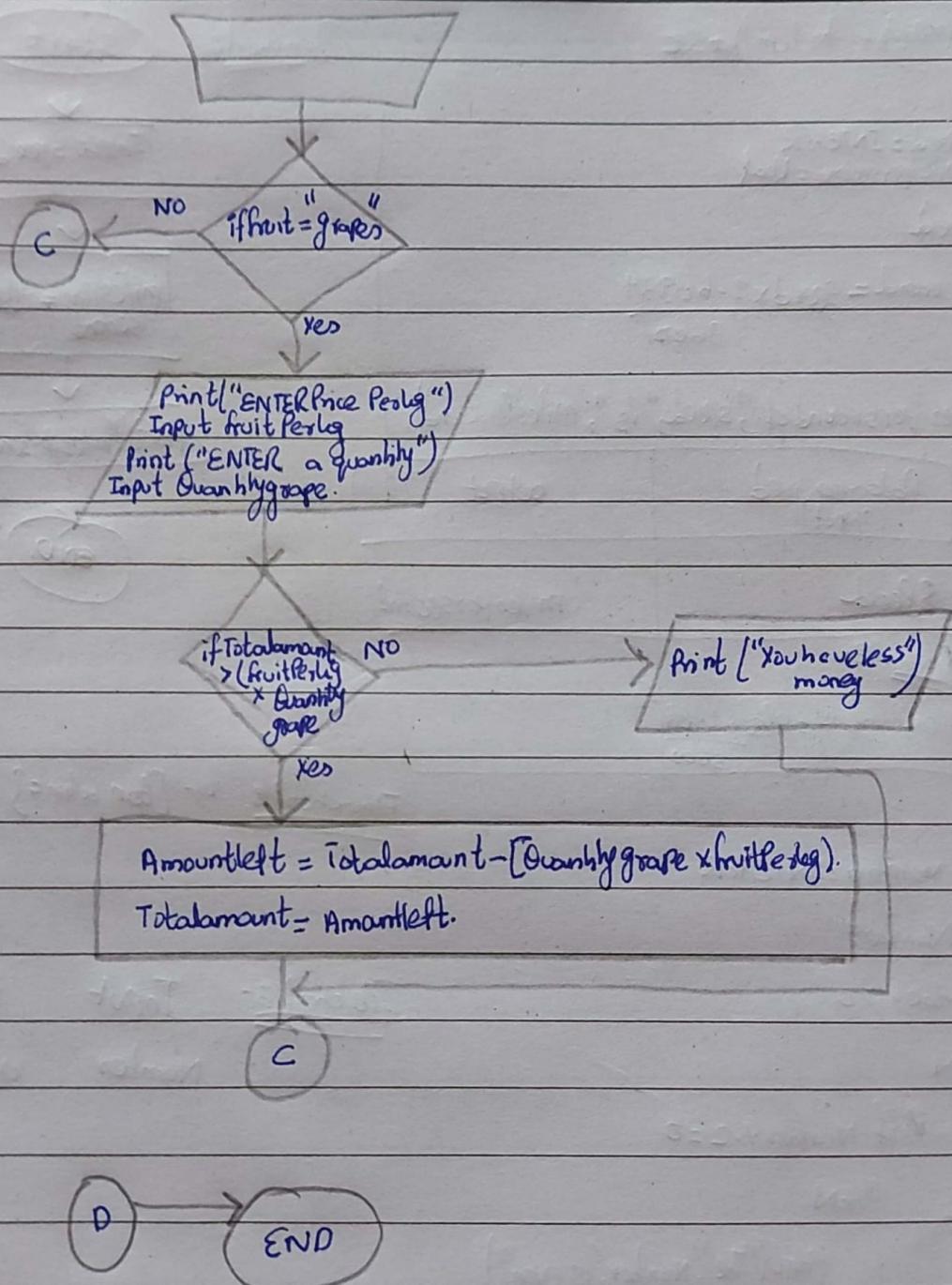
        Print("The total amount Mr. Bob had", Totalamount, "Amount left is", Amountleft
        ("Quantity of vegetable bought is", Quantityvege, "Amount of fruit bought is", Quantitygrape, QuantityApricot)
```

Q1). Flowchart :-



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246 - 0659

Date _____



Decline moisture Rate, moisture Rate 1, moisture Rate 2, No rain hr: Integer Date

35). Pseudocode:- Decline CROP: STRING

Print ("ENTER TYPE OF CROP To be monitored")

Input crop

if crop = wheat

THEN Print ("ENTER moisture value in %")

Input moisture Rate

Print ("ENTER No. of hours Not rain")

Input No rain hr

if moisture < 30 and No rain > 24
No rain > 24

THEN print ("start irrigation")

else

Print ("No irrigation")

required

ENDIF

ENDIF

ElseIf crop = corn

THEN Print ("ENTER moisture value in %")

Input moisture Rate

if moisture Rate < 40

THEN

Print ("start irrigation")

else

Print ("No irrigation").

reqd

ENDIF

ENDIF

THEN

Print ("ENTER moisture")

Input moisture Rate

Input No rain hr

if moisture Rate < 25 and No rain hr > 24

THEN print ("start Irrigate")

else

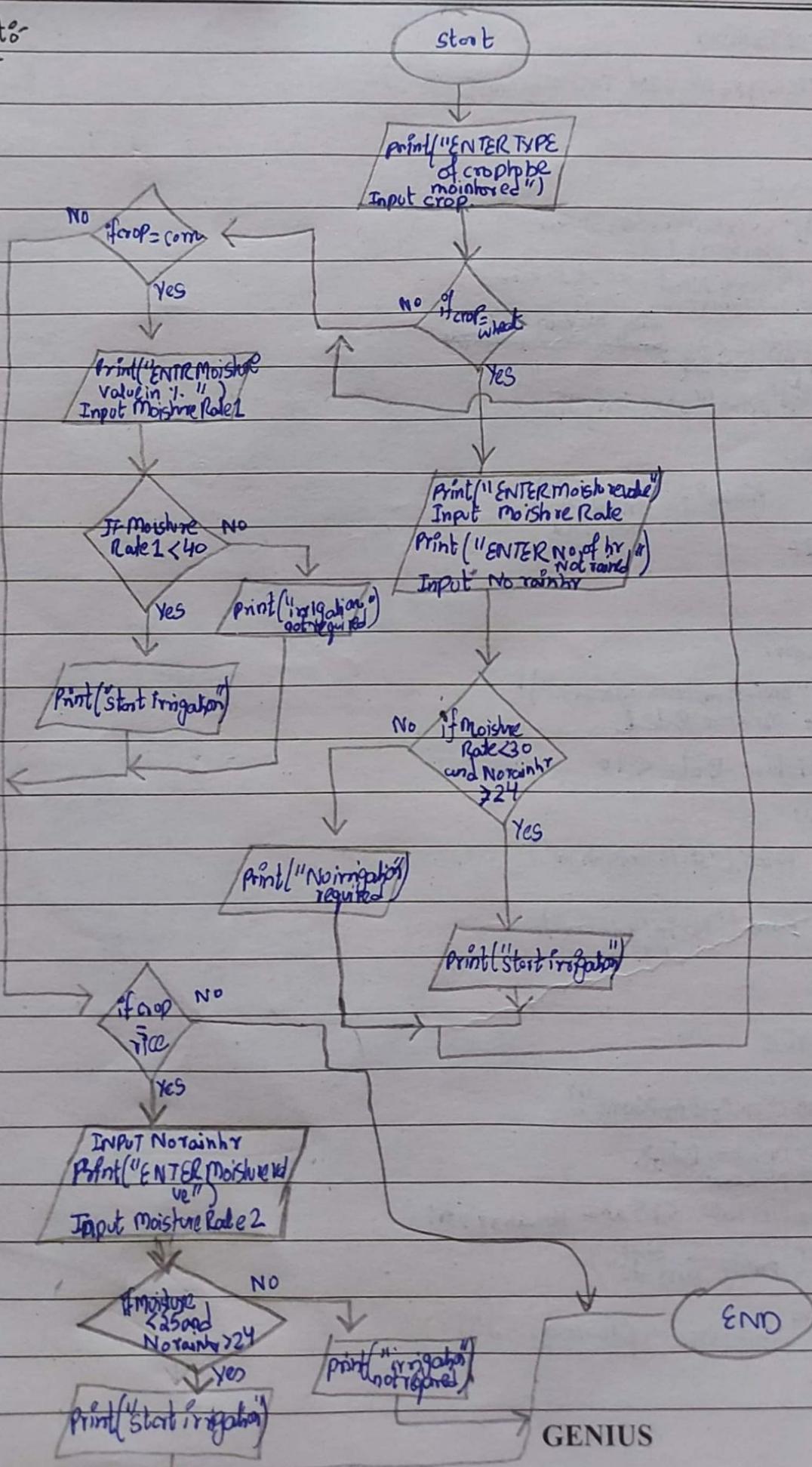
Print ("No irrigation required")

ENDIF

ENDIF

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Flowchart:-



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(Q5). IPOchart :-

INPUT	Processing	Module Reference	Output
Crop MoistureRate Norainhr	ENTER crop if crop=wheat ENTER moisture Rate ENTER Norainhr if moisture < 30 and Norainhr > 24 print("Start irrigation") else print("No irrigation required") Else if crop= corn	Read crop (crop=wheat) Read moistureRate Read Norainhr if (Moisture < 30 and Norainhr > 24) print else print elseif crop=corn)	("Start irrigation") ("No irrigation required")
MoistureRate	ENTER moistureRate if moistureRate < 40 else print("Start irrigation") print("No irrigation required") Else if crop=nice ENTER Norainhr ENTER moistureRate if moistureRate < 25 print("Start irrigation") else print("No irrigation required")	Read moisture Rate (moisture Rate < 40) else print print elseif (crop=nice) Read moisture Rate (moisture Rate < 25) print else print	Print ("Start irrigation") ("No irrigation required") ("Start irrigation") ("No irrigation required")
END	END		

b). Pseudocode :- print ("ENTER a ride")

Input Ride

Print ("ENTER a height")

Input height

Print ("ENTER a Age")

Input age

if Ride = "The Progan Roller coaster"

if Height >= 48 and age >= 10

THEN print ("you meet criteria")

Else print ("^{sorry} you don't meet criteria")

ENDIF

ENDIF

Elseif Ride = "The sky swing"

if Height >= 54

THEN print ("you meet criteria")

Else print ("^{sorry} you don't met criteria").

ENDIF

ENDIF

Elseif Ride = "The carousel"

if Age >= 15

THEN

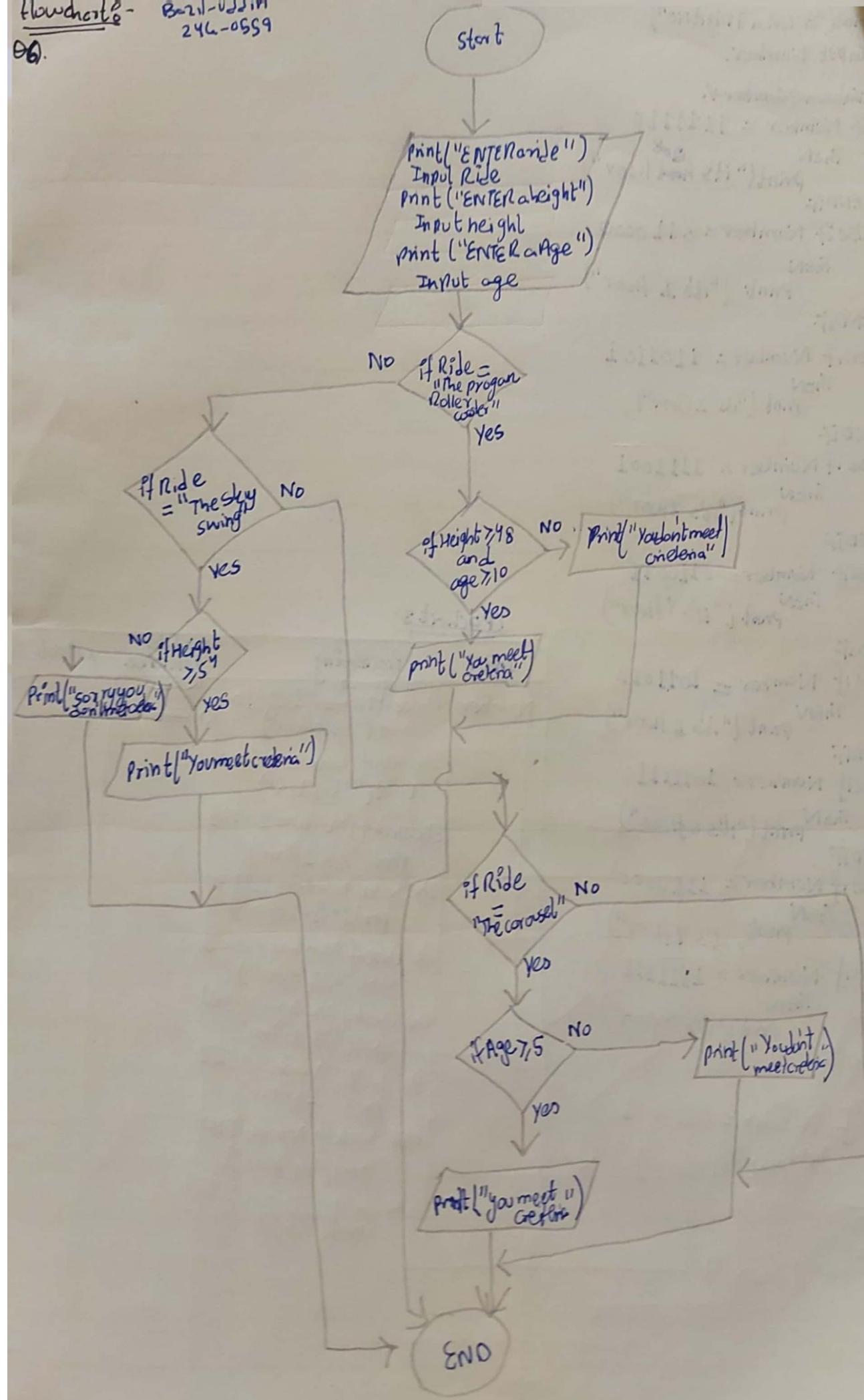
print (" You meet criteria")

Else

print (" You don't meet criteria").

ENDIF

ENDIF



Q6). Flowchart INPUT

PROCESSING

Module
Reference

Output

Ride

ENTER Ride
ENTER height
ENTER Age
if (Ride = "The Perton Rollercoaster")
 if (height ≥ 48 and Age ≥ 10)

height

 else print("you meet criteria")
 print("you don't meet criteria")

Age

else if (Ride = "The skyswing")
 if (height ≥ 54)
 print("you meet criteria")

 else print("you don't meet criteria")

else if (Ride = "the carousel")

 if (Age ≥ 5)

 else print("you meet criteria")

 print("you don't meet criteria")

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END

Read Ride

Read height

Read Age

(Ride = "The Perton Rollercoaster")
(Height ≥ 48 and Age ≥ 10)

 else print

 else print

(Ride = "The skyswing")

(Height ≥ 54)

 print

 else print

(Ride = "The carousel")

(Age ≥ 5)

 else print

 else print

("you meet criteria")

("you don't meet criteria")

("you meet criteria")

("you don't meet criteria")

("you meet criteria")

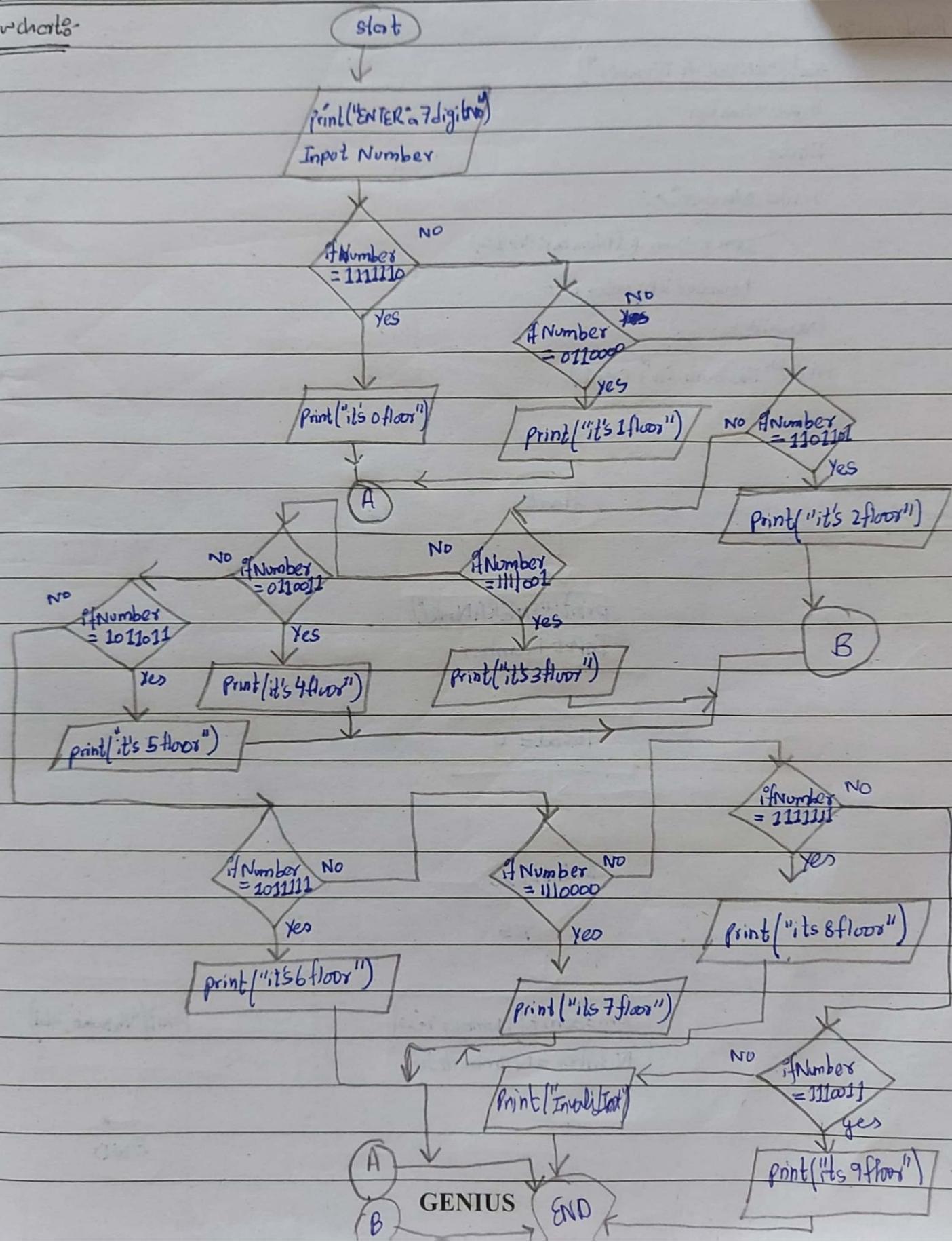
("you don't meet criteria")

Q7). Programs-

Bazil Wali Khan
246-0659

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print("ENTER a 7 Digit No")
Input Number.
Value = Number.
If Number = 1111110
    Then print("it's out floor")
ENDIF
Elseif Number = 0110000
    Then print("it's 1 floor")
ENDIF
Elseif Number = 1101101
    Then print("it's 2 floor")
ENDIF
Elseif Number = 1111001
    Then print("it's 3 floor")
ENDIF
Elseif Number = 0110011
    Then print("it's 4 floor")
ENDIF
Elseif Number = 1011011
    Then print("it's 5 floor")
ENDIF
Elseif Number = 1011111
    Then print("it's 6 floor")
ENDIF
Elseif Number = 1110000
    Then print("it's 7 floor")
Elseif Number = 2111111
    Then print("it's 8 floor")
ENDIF
Elseif Number = 1110011
    Then print("it's 9 floor")
ENDIF
Else
    print("invalid")
```

Hawcharto-



7). Flowchart:-

INPUT	PROCESSING	Module Reference	OUTPUT
Number	<p>ENTER Number</p> <pre> if Number = 1111110 Print("it's ofloor") else if Number = 0110000 print("its 1floor") else if Number = 110 1101 print("its 2floor") else if Number = 1111001 print("its 3floor") else if Number = 0110011 print("its 4floor") else if Number = 1011011 print("its 5floor") else if Number = 1011111 print("its 6floor") else if Number = 1110000 print("its 7floor") else if Number = 1111111 print("its 8floor") else if Number = 1110011 print("its 9floor") else print("it's all")</pre>	<p>Read Number</p> <pre> (if Number = 1111110) print (elseif Number = 0110000) print (elseif Number = 110 1101) print (elseif Number = 1111001) print (elseif Number = 0110011) print (elseif Number = 1011011) print (elseif Number = 1011111) print (elseif Number = 1110000) print (elseif Number = 1111111) print (elseif Number = 1110011) print else print</pre>	<p>("it's ofloor")</p> <p>("its 1floor")</p> <p>("its 2floor")</p> <p>("its 3floor")</p> <p>("its 4floor")</p> <p>("its 5floor")</p> <p>("its 6floor")</p> <p>("its 7floor")</p> <p>("its 8floor")</p> <p>("its 9floor")</p> <p>"it's all"</p>

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8). Pseudocode :-

print("ENTER A Number")

Input Number

Total = 0

while Number > 0

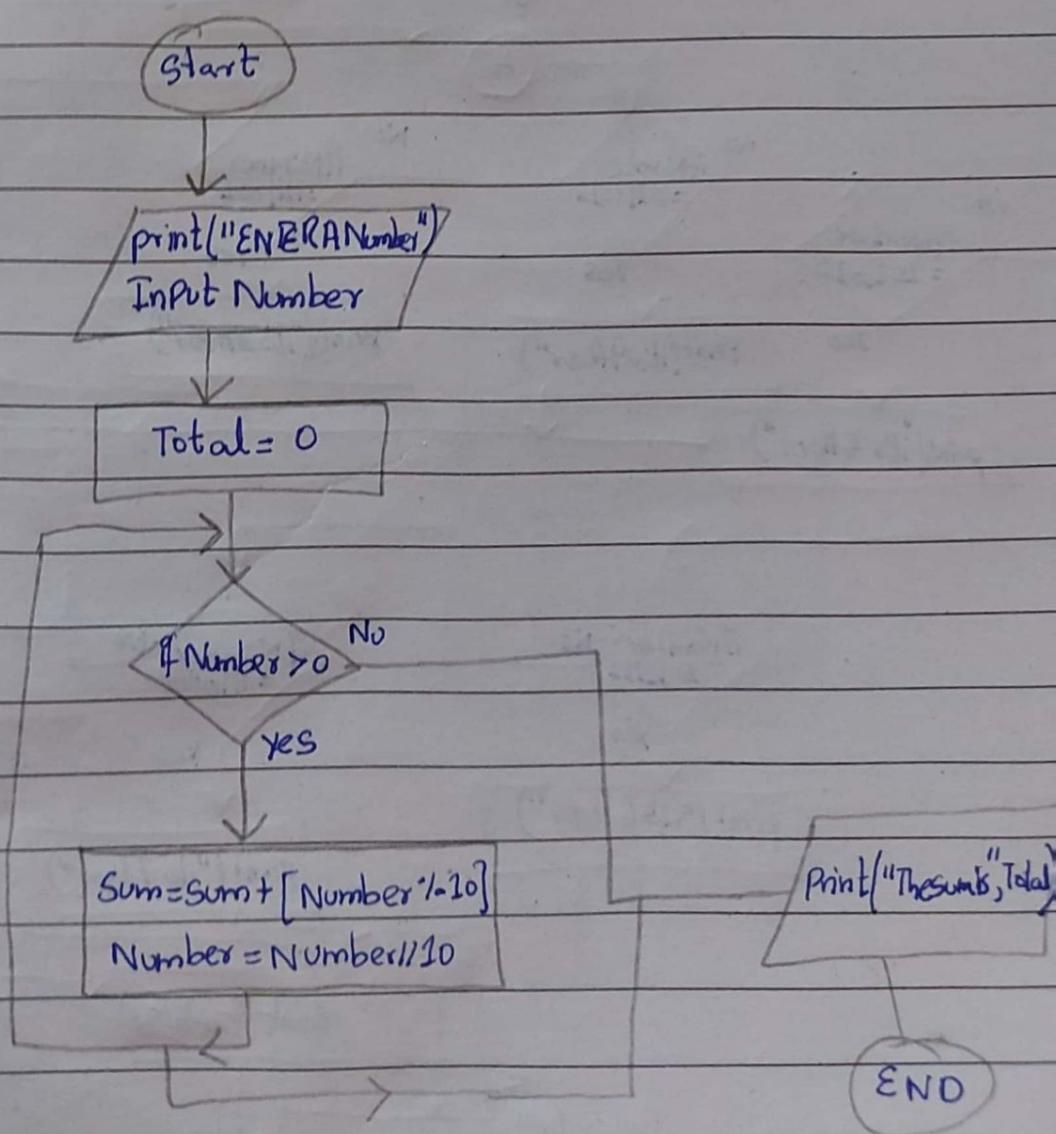
 Sum = Sum + (Number % 10)

 Number = Number // 10

Endwhile

Print("The sum is", Total).

Flowchart :-



88).

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IPOchart:-

INPUT	Processing	Module Reference	Output
Number	ENTER Read Number	ENTER Number Read	
	Initialize Total=0	(Total=0)	
	while (Number > 0)	(Number > 0)	
	Then Sum ← Sum + [Number/10]	Sum ← Sum + [Number/10]	
	Number ← Number / 10	Number = Number / 10	
	loop it until condition true.		
	Print ("Total Sum")	(total) Print	Total.

1). Pseudocode 8-

Declare datebirth, Monthbirth, birthyear : INTEGER.
Declare currentdate, currentmonth, currentyear : INTEGER

Print("ENTER Date of birth")

INPUT datebirth

Print("ENTER Date of birth")
month

INPUT Monthbirth

Print("ENTER Year of birth")

INPUT BirthYear

Print("ENTER Date of birth")
^{current}

INPUT currentdate

Print("ENTER currentmonth")

INPUT currentmonth

Print("ENTER currentYear")

INPUT currentYear

CountLeap = 0

if (BirthYear % 4 == 0)

THEN

while (BirthYear + 4 <= currentYear)

CountLeap = CountLeap + 1

ENDwhile

ENDIF

If (Date of birth = 30)

THEN

If month = 1 or month = 4 or month = 6 or month = 9 or month = 11

THEN

Print("correct")

else

ENDIF

ENDIF

Elseif date of birth = 31

THEN

Print if month = 1 or month = 3 or month = 5 or month = 7 or month = 8 or month = 10 or month = 12

THEN

Print("correct")

ENDIF

ENDIF

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Baitullah Khan
244-0559

Date _____

~~totalYear = currentYear - Year.~~
~~totalMonth = currentMonth - monthBirth~~

totalYear = currentYear - birthYear

totalMonth = currentMonth - monthBirth

totalDate = currentDate - dateBirth

If totalDate < 0

THEN

TotalDate = totalDate + 31

totalMonth = totalMonth - 1

ENDIF

If totalMonth < 0

THEN

totalMonth = totalMonth + 12

TotalYear = totalYear - 1

ENDIF

print("The Year is", TotalYear, "Months", totalMonth, "TotalAge is", TotalYear).

IPOchart :-	INPUT	Processing	Module Reference	Output
	DateBirth	ENTER DateBirth	Read Date of Birth	
	monthBirth	ENTER monthBirth	Read Month Birth	
	birthYear	ENTER birthYear	Read birth Year	
	currentDate	ENTER currentDate	Read current date	
	CurrentMonth	ENTER currentMonth	Read current Month	
	currentYear	ENTER currentYear	Read current year	
	countLeap = 0		countLeap = 0 (Initialize)	
	If (birthYear / 4 = 0)		(birthYear / 4 = 0)	
	while (birthYear + 4 = currentYear)		(birthYear + 4 = currentYear)	
	countLeap = countLeap + 1		countLeap = countLeap + 1	
	If (dateOfBirth = 30)		(birth = 30)	
	If (month = 10 month = 4 month = 6 month = 9 month = 11)		(month = 10 month = 4 month = 6 month = 9 month = 11)	
	Print ("Correct")		Print ("Correct")	
	ElseIf (dateOfBirth = 31)		If (month = 1 month = 3 month = 5 month = 7 month = 8 month = 10 month = 12)	
	If (month = 1 month = 3 month = 5 month = 7 month = 8 month = 10 month = 12)		Print ("Correct")	
	Print ("Correct")			
		GENIUS	Print	("Correct")

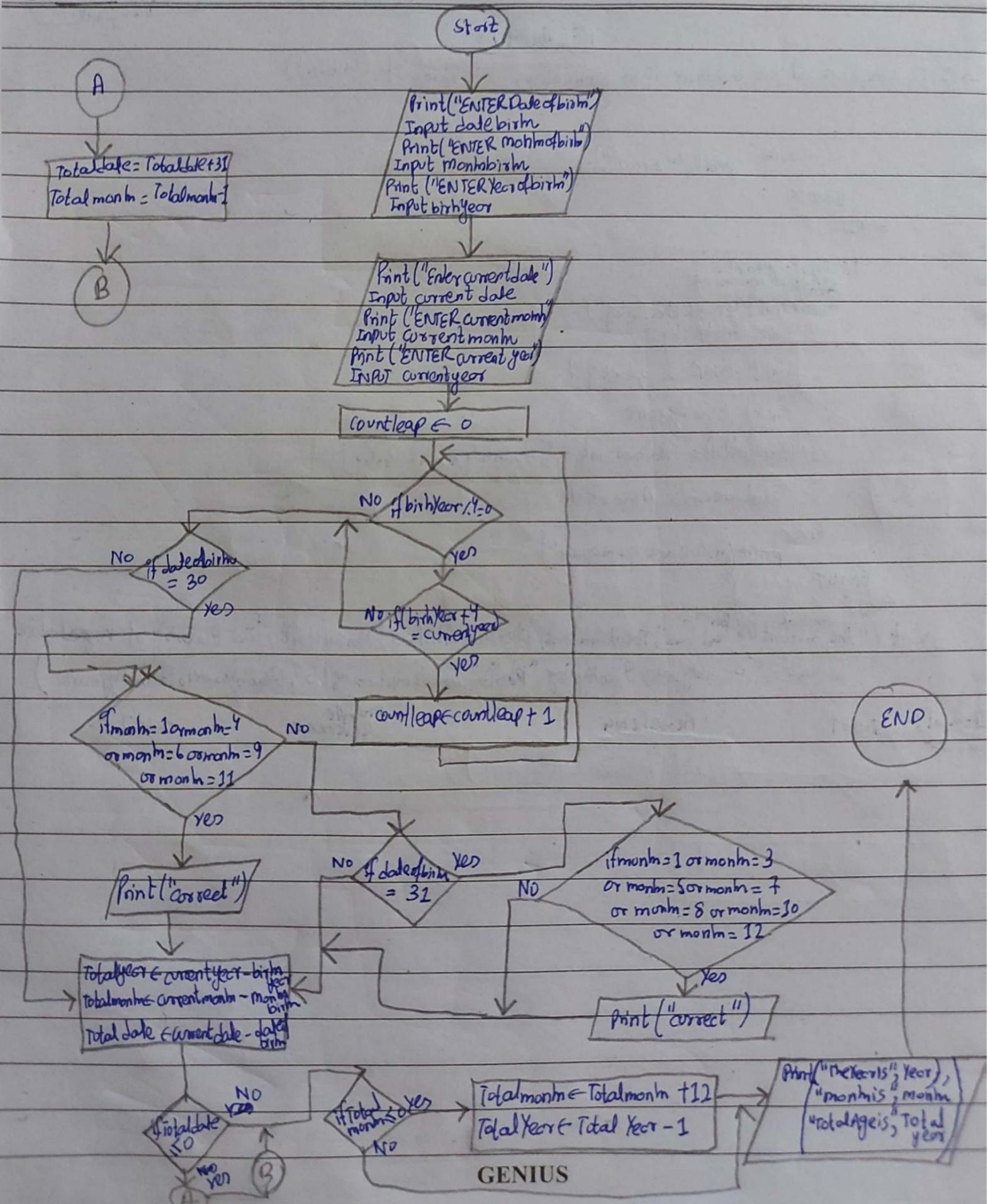
B201-UJJIN-WHAN
2016-0559

Date _____

Q) Continue of Pchart:-

INPUT	PROCESSING	module Reference	output
	totalyear ← currentyear - birthyear	totalyear ← currentyear - birthyear	
	totalmonth ← currentmonth - monthbirth	totalmonth ← currentmonth - monthbirth	
	totaledate ← currentdate - datebirth	totaledate ← currentdate - datebirth	
	if (Totaledate <= 0)	(Totaledate <= 0)	
	Totaledate ← Totaledate + 31	Totaledate ← Totaledate + 31	
	Totalmonth ← Totalmonth - 1	Totalmonth ← Totalmonth - 1	
	if (Totalmonth <= 0)	(Totalmonth <= 0)	
	Totalmonth ← Totalmonth + 12	Totalmonth ← Totalmonth + 12	
	Totalyear ← Totalyear - 1	Totalyear ← Totalyear - 1	
	print ("The year is", Totalyear, "months", "month", ^{Total} "Age is", Totaledate).	Print	("The year is", Totalyear, "months", "month", "Age is", Totaledate)
END		END	

(9). Flowcharto-



Psudocode :-

(Bazil - Ujjwal Khan) (Date - 05/09)

10).

Print("ENTER a Number")

INPUT Number

n = 1

value = 0

while Number > 0

If Number % 100 = 90

Then

Number = Number / 10

ENDIF

value = Number / 10 * n + value

n = n * 10

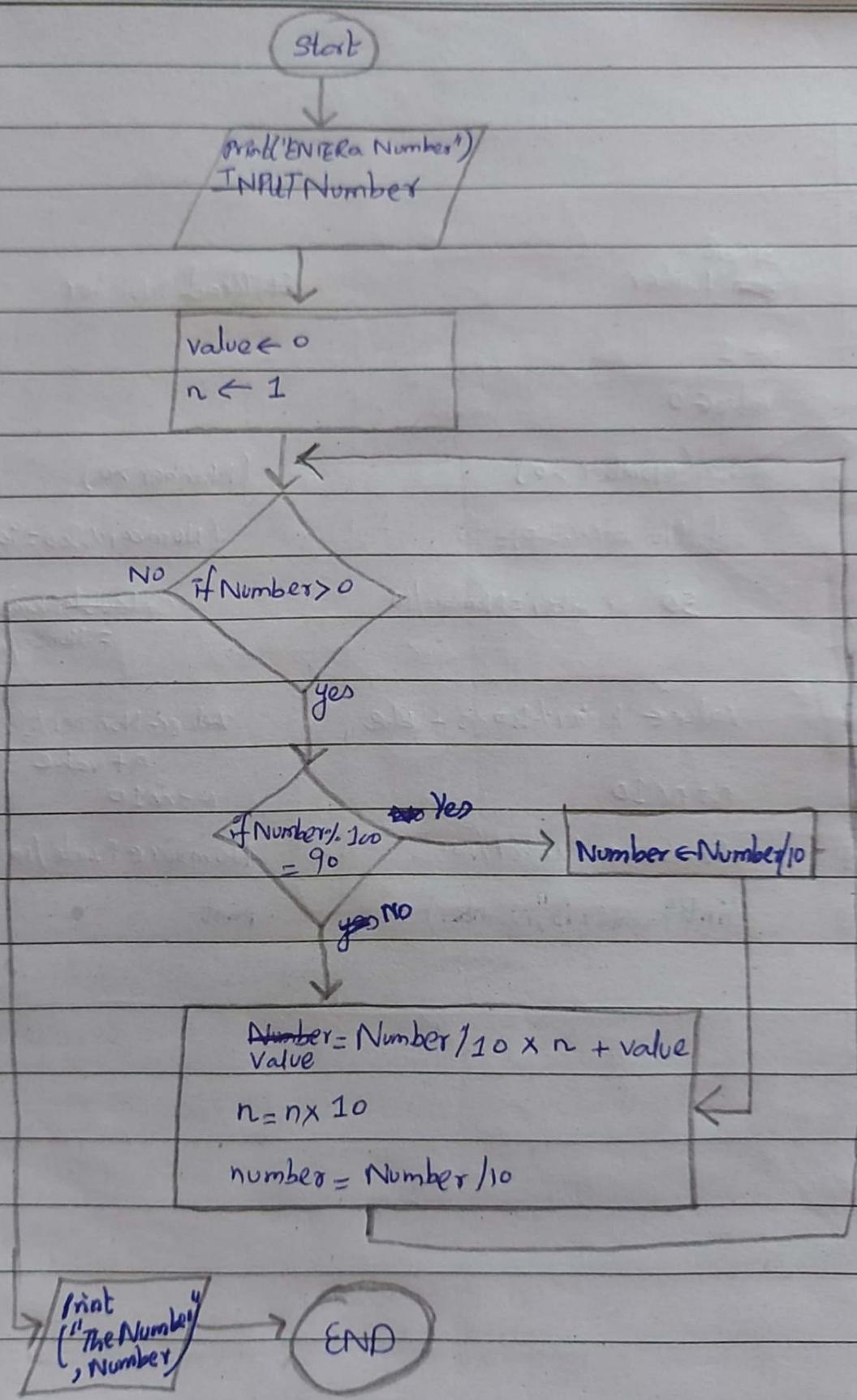
Number = Number / 10

ENDwhile.

Print("Number is", Number)

GENIUS

Flowchart:-



IPO chart :-

INPUT	Processing	Module Reference	Output
Number	ENTER Read Number	ENTER Read Number	
	$n \leftarrow 1$	$n \leftarrow 1$	
	$value \leftarrow 0$	$value \leftarrow 0$	
	while (Number > 0)	(Number > 0)	
	if (Number % 100 = 90)	(Number % 100 = 90)	
	so Number = Number / 10	Code to do Number = Number / 10	
	$value \leftarrow Number \% 100 \times n + value$	$value \leftarrow Number \% 100 \times$ $n + value$	
	$n = n \times 10$	$n = n \times 10$	
	$Number \leftarrow Number / 10$	$Number \leftarrow Number / 10$	
	Print("Number is", Number)	Print	(("Number is", Number))

Pseudocode - Declare A, B; gvalue : INTEGER

Date

11. INPUT A

INPUT B

if ($a < b$)

THEN

 $i \leftarrow 1$ while $i \leq a$ if $a \% i = 0$ and $b \% i = 0$

THEN

gvalue $\leftarrow i$

ENDIF

 $i \leftarrow i + 1$

ENDIF ENDoWhile

Elseif ($b < a$)

THEN

 $i \leftarrow 1$ while $i \leq b$ if $a \% i = 0$ and $b \% i = 0$

THEN

gvalue $\leftarrow i$ ENDIF
 $i \leftarrow i + 1$

ENDoWhile

ENDIF

Elseif ($b = a$)

THEN print ("They are not coprime")

ENDIF

if (gvalue = 1)

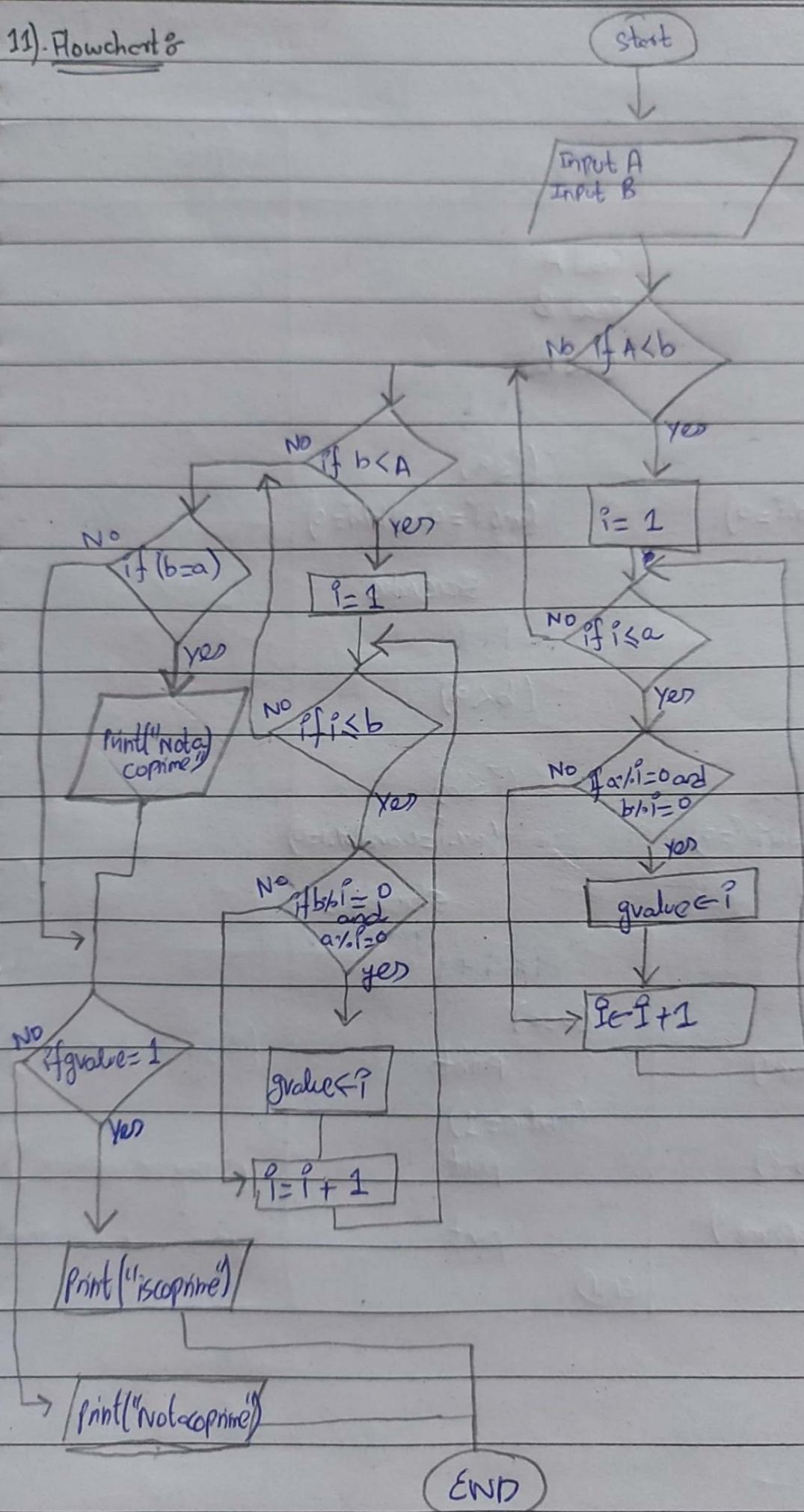
THEN print ("i is coprime")

Else print ("i is not a coprime")

ENDIF

GENIUS

11). Flowchart &



18-

31). IPO chart :-

INPUT	Processing	Module Reference	Output
A	ENTER A	Read A	
B	ENTER B	Read B	
	Check if ($a < b$) Initialize $i = 1$	$(a < b)$ $i \leftarrow 1$	
	while ($i \leq a$)	$(i \leq a)$	
	Check if ($a \cdot i = 0$ and $b \cdot i = 0$)	$(a \cdot i = 0 \text{ and } b \cdot i = 0)$	
	gvalue $\leftarrow i$	Store value	
	Increment $i \leftarrow i + 1$	$i \leftarrow i + 1$	
	Else If ($b < a$)	Else If ($b < a$)	
	Initialize $i \leftarrow 1$		
	while ($i \leq b$)	$(i \leq b)$	
	if ($a \cdot i = 0$ and $b \cdot i = 0$)	$(a \cdot i = 0 \text{ and } b \cdot i = 0)$	
	gvalue $\leftarrow i$	Store value (gvalue = i)	
	Increment $i \leftarrow i + 1$	$i \leftarrow i + 1$	
	($b = a$)	$(b = a)$	
	Print ("They are not coprime")	Print	("They are not coprime")
	If gvalue = 1	(gvalue = 1)	
	Print ("They are coprime")	Print	("They are coprime")
	Else	Else	
	Print ("They are not coprime")	Print	("They are not coprime")
END	END		

Bazil-Uddin-khan (24K-0559)

Pseudocode :-

Declare liter5jug, liter3jug, value, value1, value2 : INTEGER.

liter5jug = 0

liter3jug = 0

liter5jug = liter5jug + 5

value = liter5jug - 3

liter5jug = value

liter3jug = liter3jug + 3

~~liter5jug~~ ← value1
liter3jug ← value2

liter3jug = liter5jug + liter3jug

liter5jug = liter5jug - 2

liter5jug = liter5jug + 5

if liter3jug = 2

THEN

value1 ← liter5jug - 1

liter5jug ← value1

liter3jug ← liter3jug + 1

if liter5jug = 1

THEN

print("Diffuse bomb")

else print("Boob blast sorry")

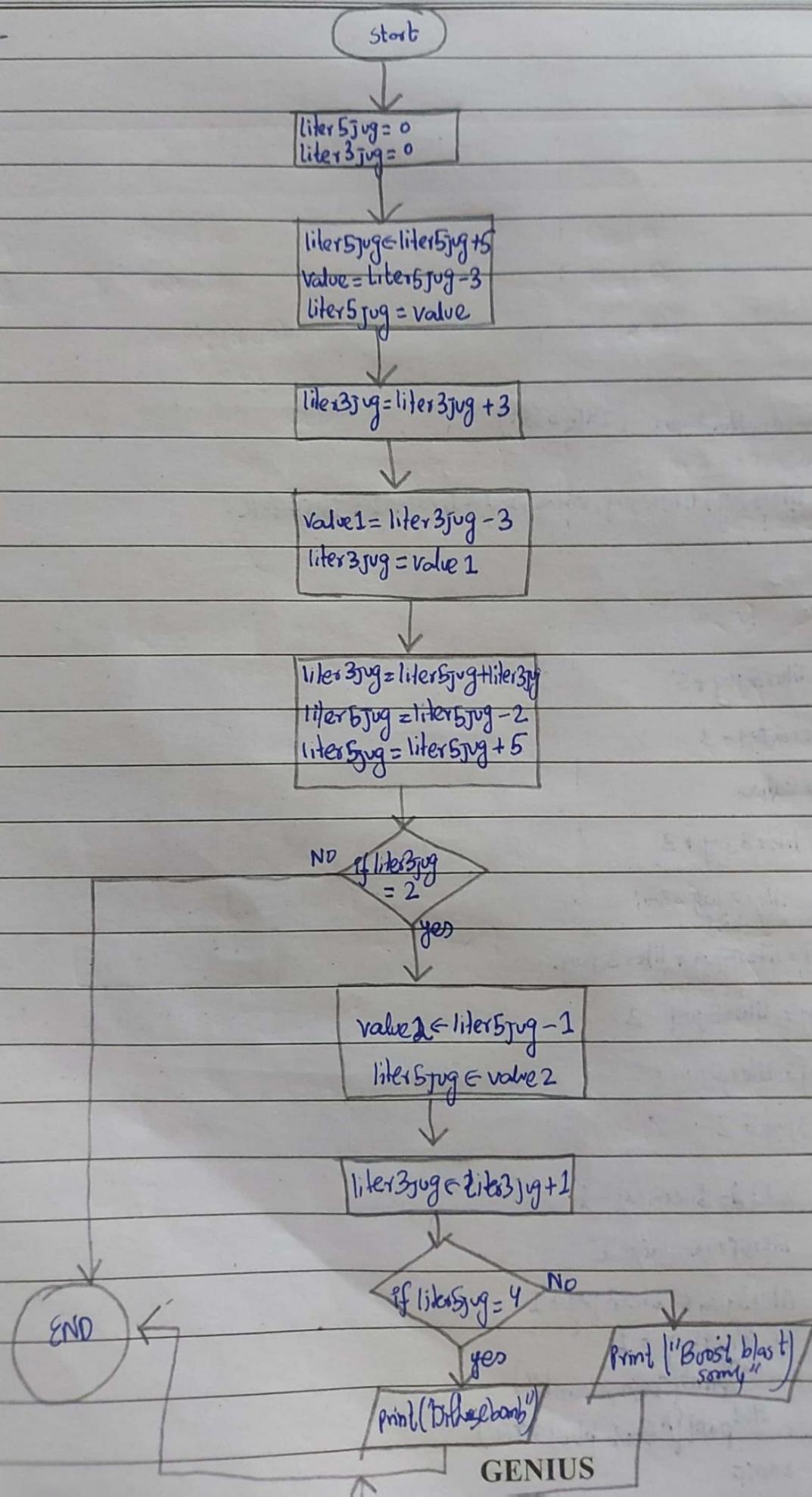
ENDIF

ENDIF

GENIUS

12.

Flowcharts-



(2). $L_3 \text{max} = L_5 \text{max} + L_3 \text{jug}$

I Pochter

Beril-Ujjin-lehan (244-0559)

INPUT	Processing	module Reference	output
	Initialize liter5jug, liter3jug to 0	Initialize liter5jug, liter3jug to 0	
	Add liter5jug ← liter5jug + 5	liter5jug ← liter5jug + 5	
	value ← liter5jug - 3	value ← liter5jug - 3	
	liter5jug ← value	store value of liter5jug ← value	
	liter3jug ← liter3jug + 3	liter3jug ← liter3jug + 3	
	literValue1 ← liter3jug - 3	value1 ← liter3jug - 3	
	liter3jug ← value1	liter3jug ← value1	
	liter3jug ← liter3jug + liter5jug	liter3jug ← liter3jug + liter5jug	
	liter5jug ← liter5jug - 2	liter5jug ← liter5jug - 2	
	liter5jug ← liter5jug + 5	liter5jug ← liter5jug + 5	
	if(liter3jug = 2)	(liter3jug = 2)	
	value2 ← liter5jug - 1	value = liter5jug - 1 liter5jug ← value2	
	liter5jug ← value2	liter3jug ← liter3jug + 1	
	liter3jug ← liter3jug + 1	(liter5jug = 4) print	
	if (liter5jug = 4)	print	(“Diffuse bomb”)
	print (“bomblast”)	else print	(“bomblast”)
	END		

(13). Pseudocode:-

Print("Miller is having howmuchliters")

Input Mliter.

Print("Nliter is having howmuchliters")

Input Nliter.

If Nliter=Mliter

THEN

smallestliter=Mliter.

largestliter=Nliter

ENDIF

Elseif Mliter>Nliter

THEN

smallestliter=Nliter.

largestliter=Mliter

ENDIF

Elseif Mliter<Nliter.

THEN

smallestliter=Mliter

ENDIF

i ← 1

while (smallest liter ≤ i)

if Mliter/i = 0 and N/i = 0

THEN gcd = i

ENDIF

i ← i + 1

ENDwhile

NoCountMultiple = 0

while (i ≤ largest liter)

i = i × multiple count

Print("multiple of " + target will be like this", i)

i ← i + 1

multiple count = multiple count + 1

ENDwhile

LOGIC :-

" my logic is that I tried to find as GCD

Highest common factor works among the two numbers till we min value.

so used that logic in a while loop

after deciding which Nliter or Miller which

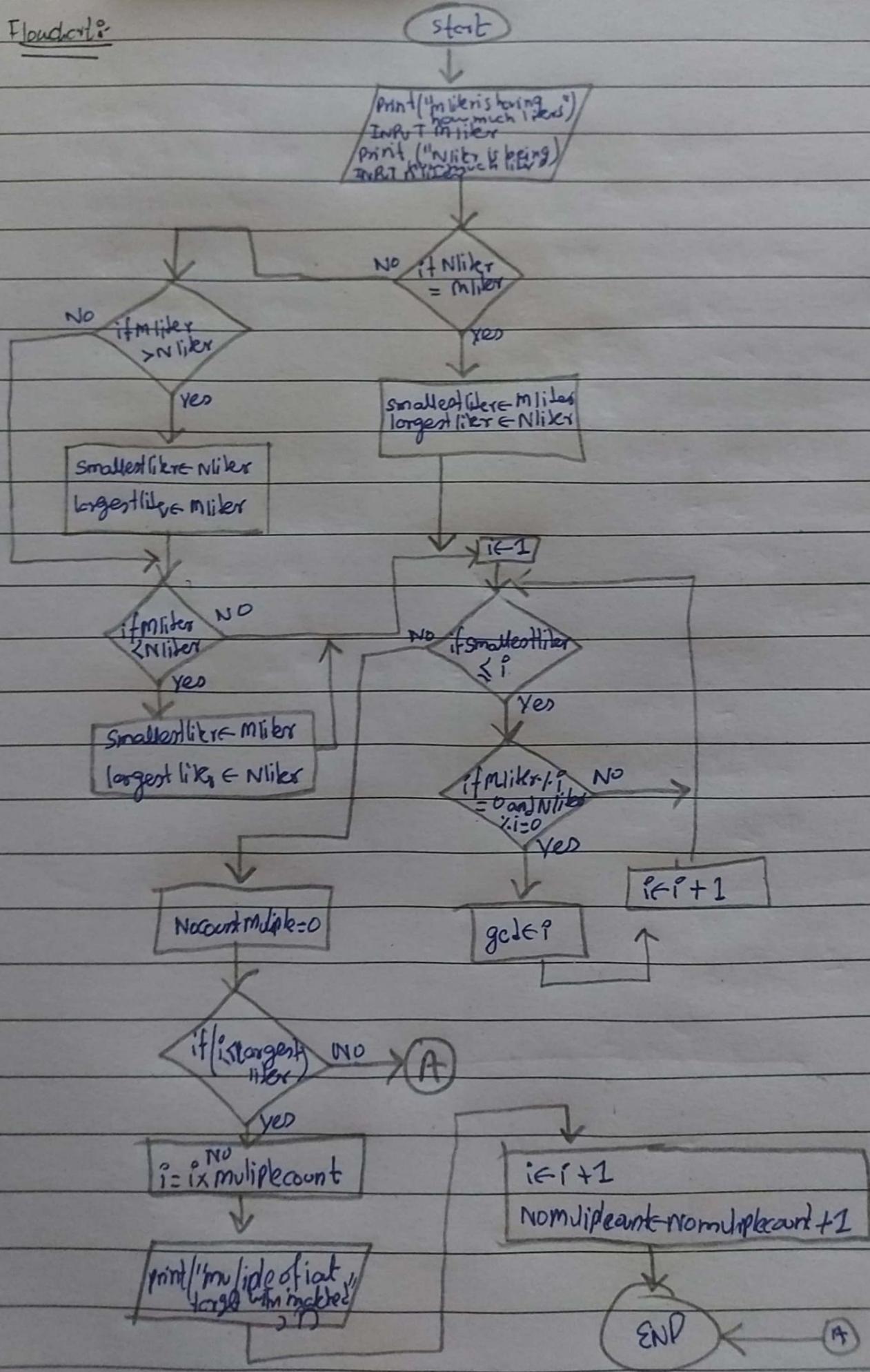
is small. and then after finding gcd i

used a variable NoCount multiple to get

factors of that gcd and

obtained it."

013). Floudacit:



Programs:-

13).	INPUT	Processing	Module Reference	Output.
	mLiter	ENTER mLiter	Read mLiter	
	NLiter	ENTER NLiter	Read NLiter	
	if (NLiter < mLiter)		(NLiter = mLiter)	
	Then	smallestLiter ← mLiter	smallestLiter ← mLiter	
		largestLiter ← NLiter	largestLiter ← NLiter	
	ElseIf (mLiter > NLiter)		ElseIf (mLiter > NLiter)	
		smallestLiter ← NLiter	smallestLiter ← NLiter	
		largestLiter ← mLiter	largestLiter ← mLiter	
	i ← 1		i ← 1	
	while (smallestLiter ≤ i)		(smallestLiter ≤ i)	
	if (mLiter % i == 0 and NLiter % i == 0)		(mLiter % i == 0 and NLiter % i == 0)	
	gcd ← i		gcd ← i	
	i ← i + 1		i ← i + 1	
	No count Multiples = 0		No count Multiple = 0	
	while (i ≤ largestLiter).		(i ≤ largestLiter)	
	i = i * multipleCount		i = i * multipleCount	
	Print("multiple of all largest with betragtet ist", i)		Print	("multiple of all largest with betragtet ist", i)
	i ← i + 1		i ← i + 1	
	multipleCount ← multipleCount + 1		multipleCount ← multipleCount + 1	