

# Programming Fundamentals

## Assignment #1



Submitted to:

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Submitted by:

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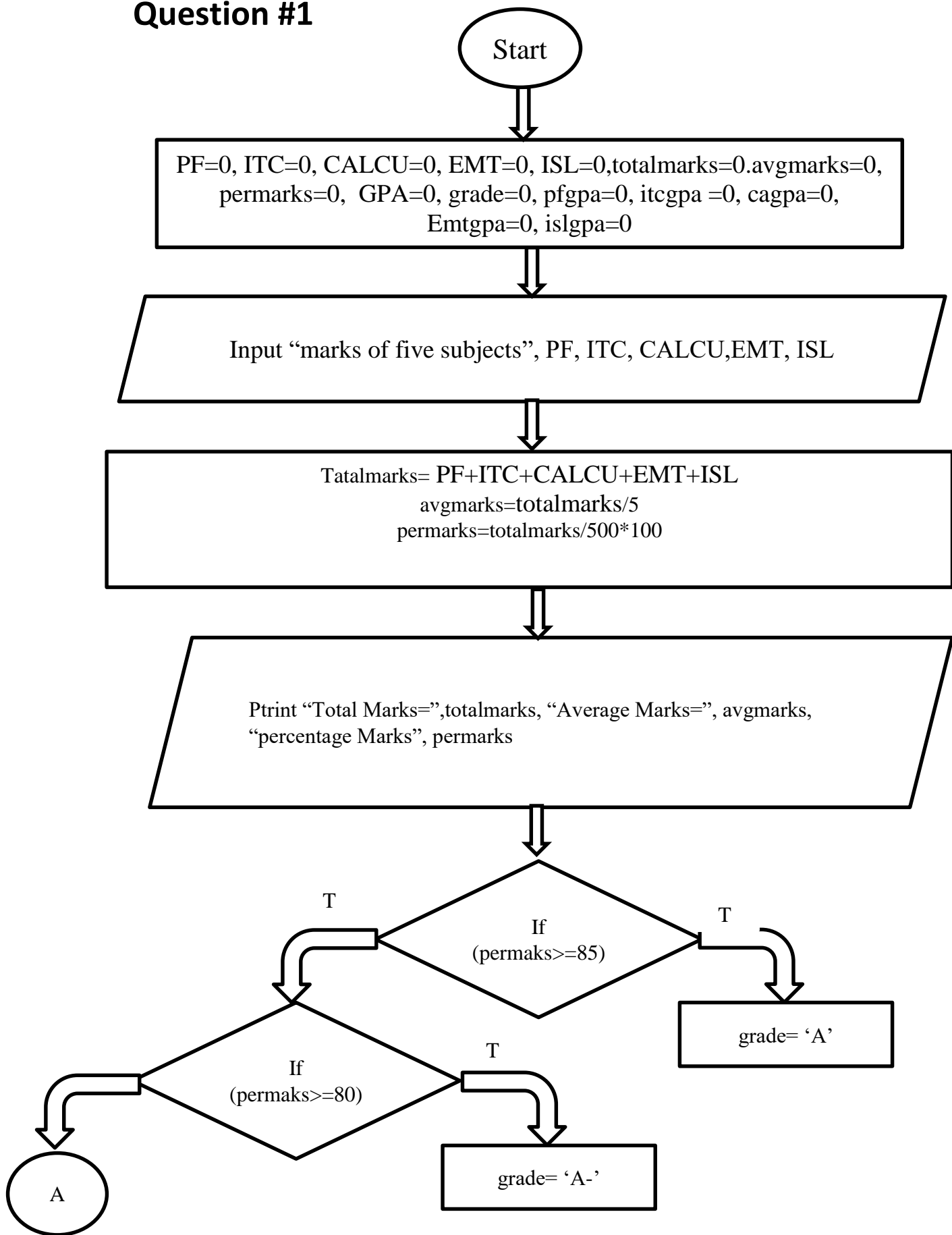
Class: Bscs F15 (Morning)

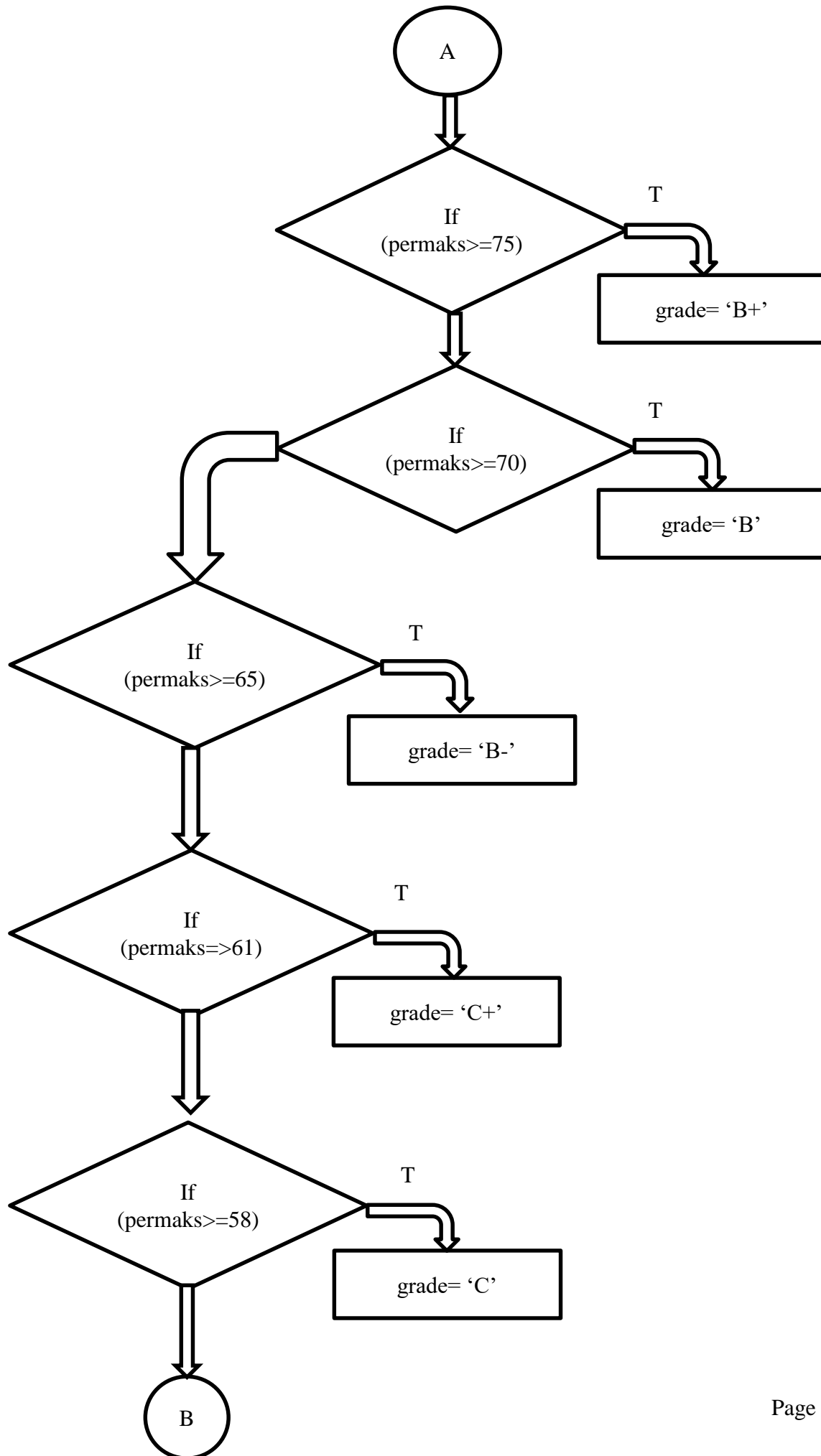
Submitted on:

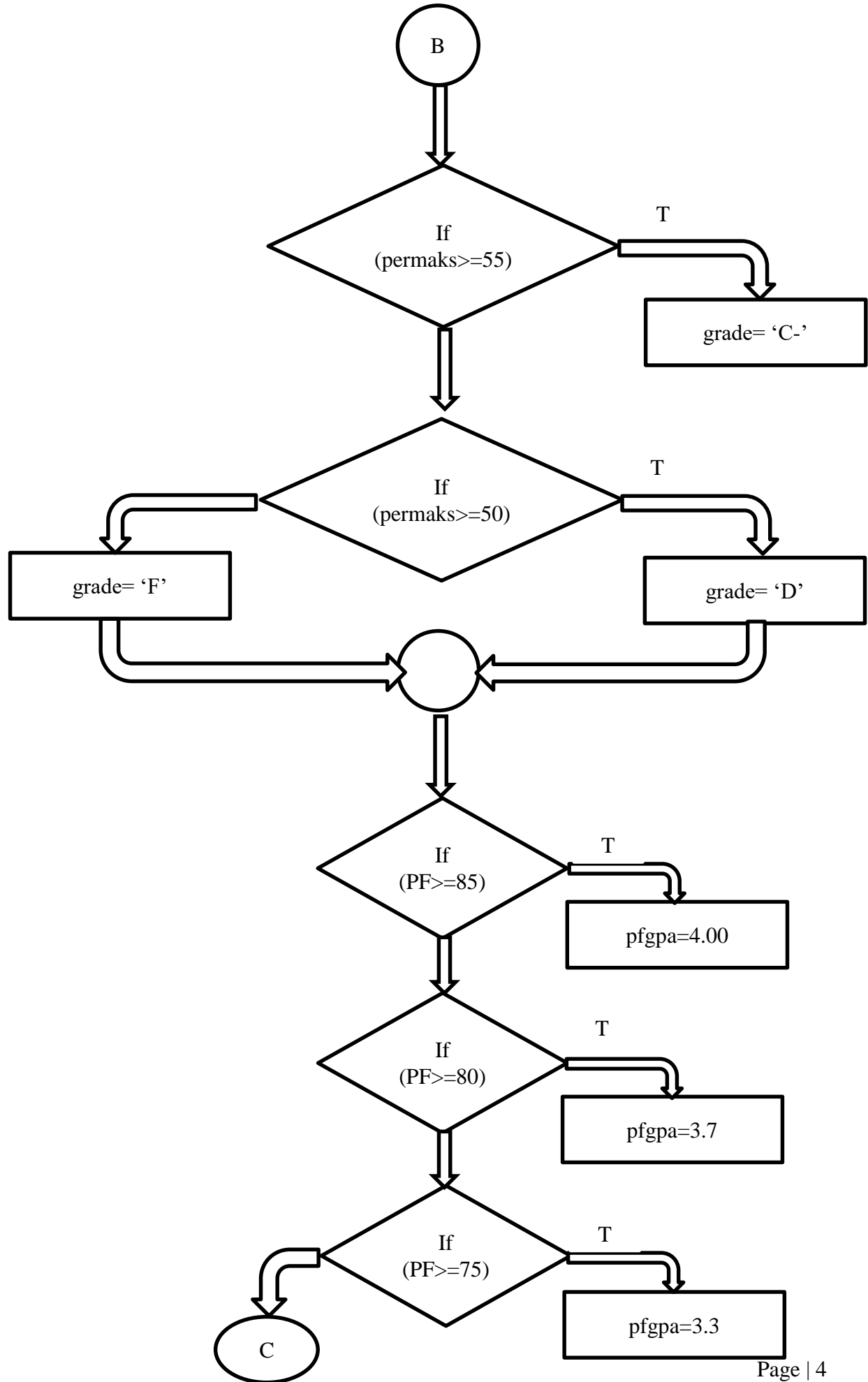
27th Oct, 2015

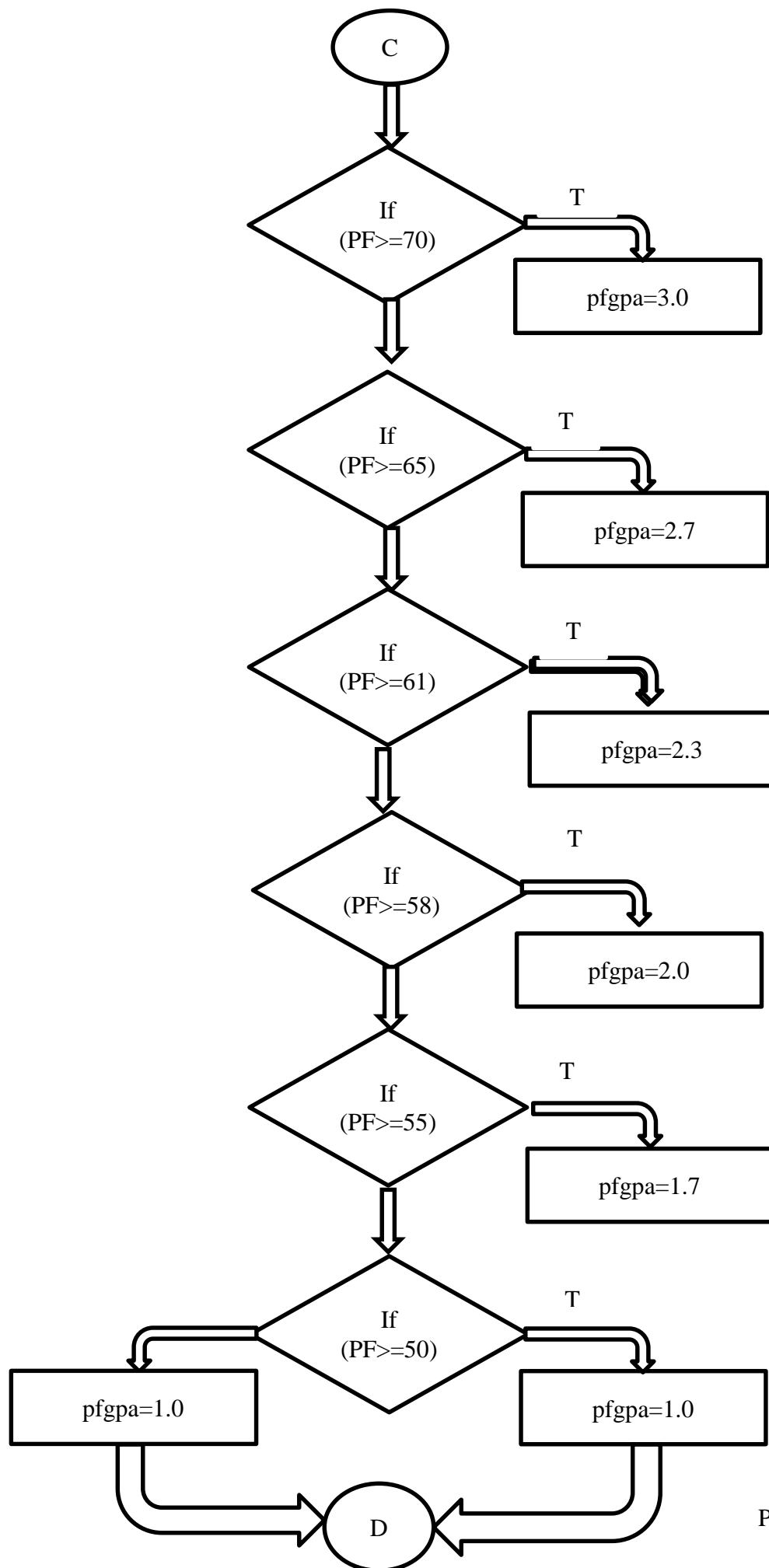
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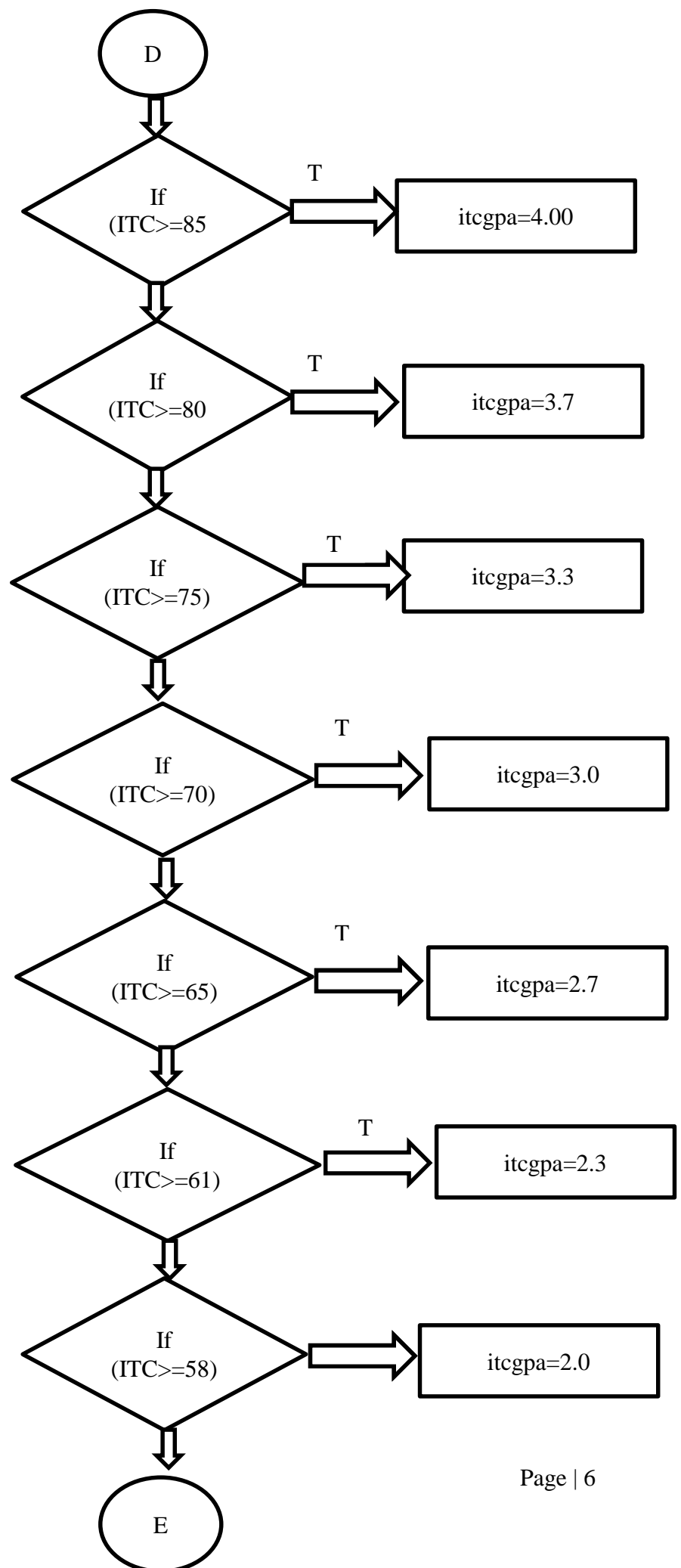
## Question #1

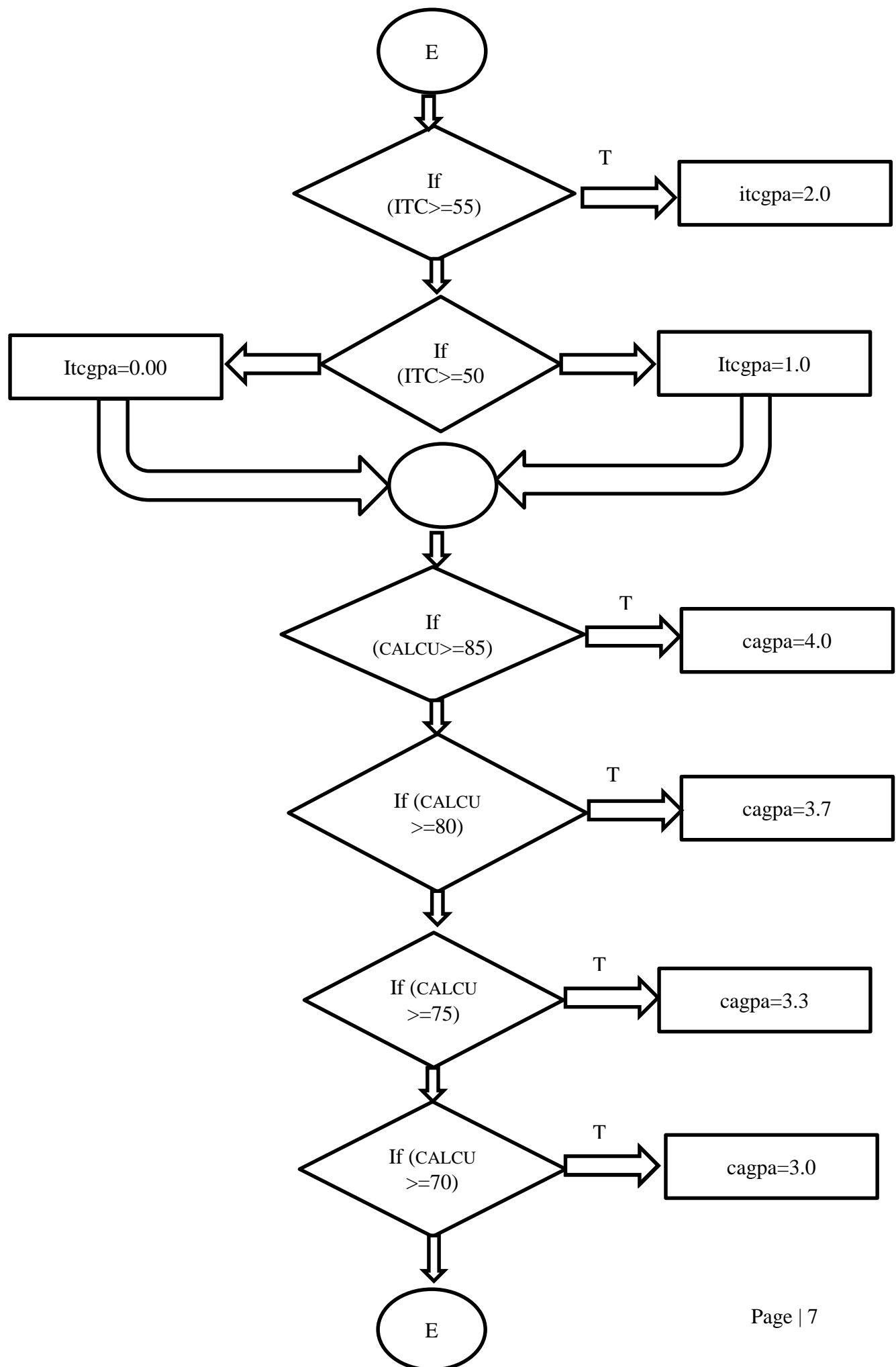


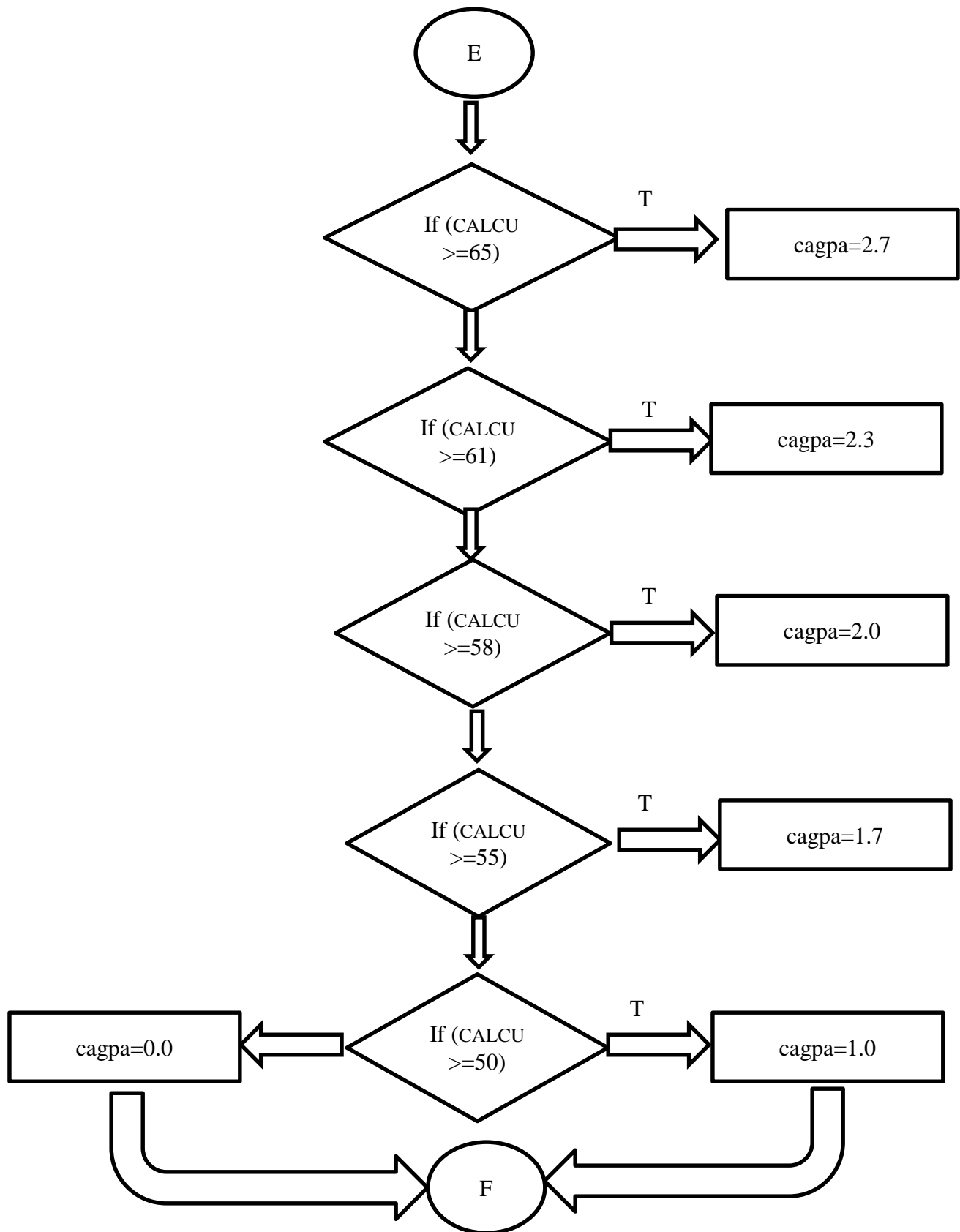




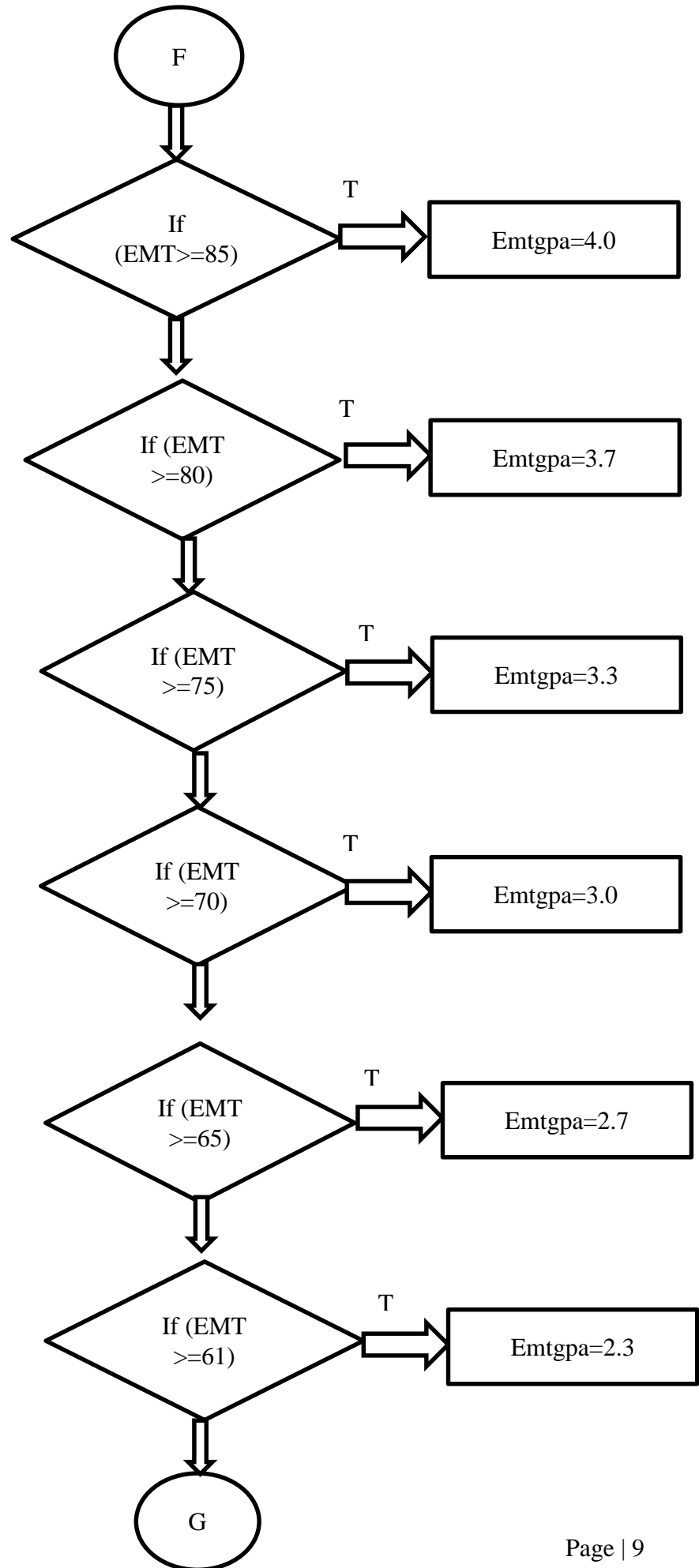


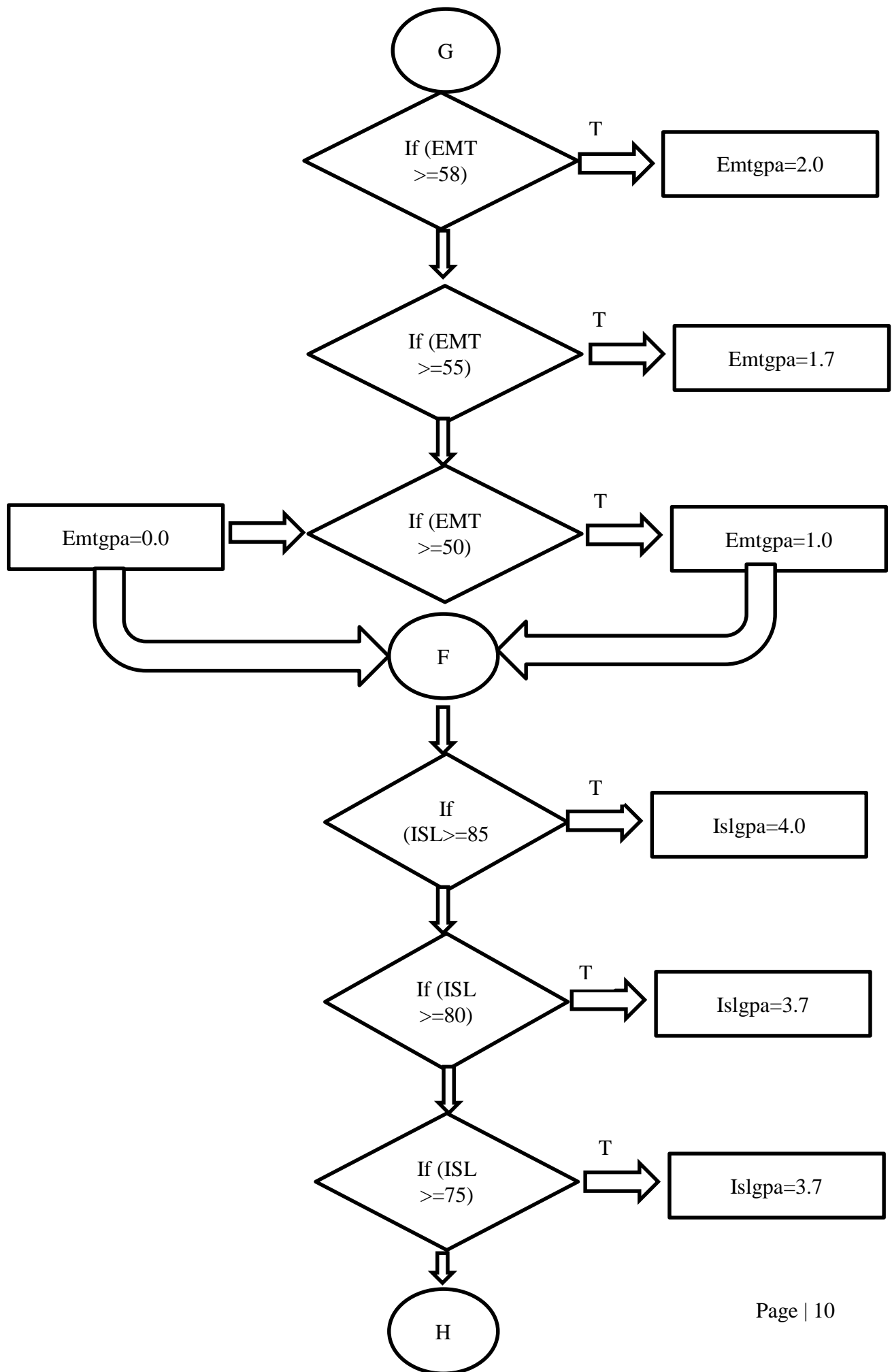


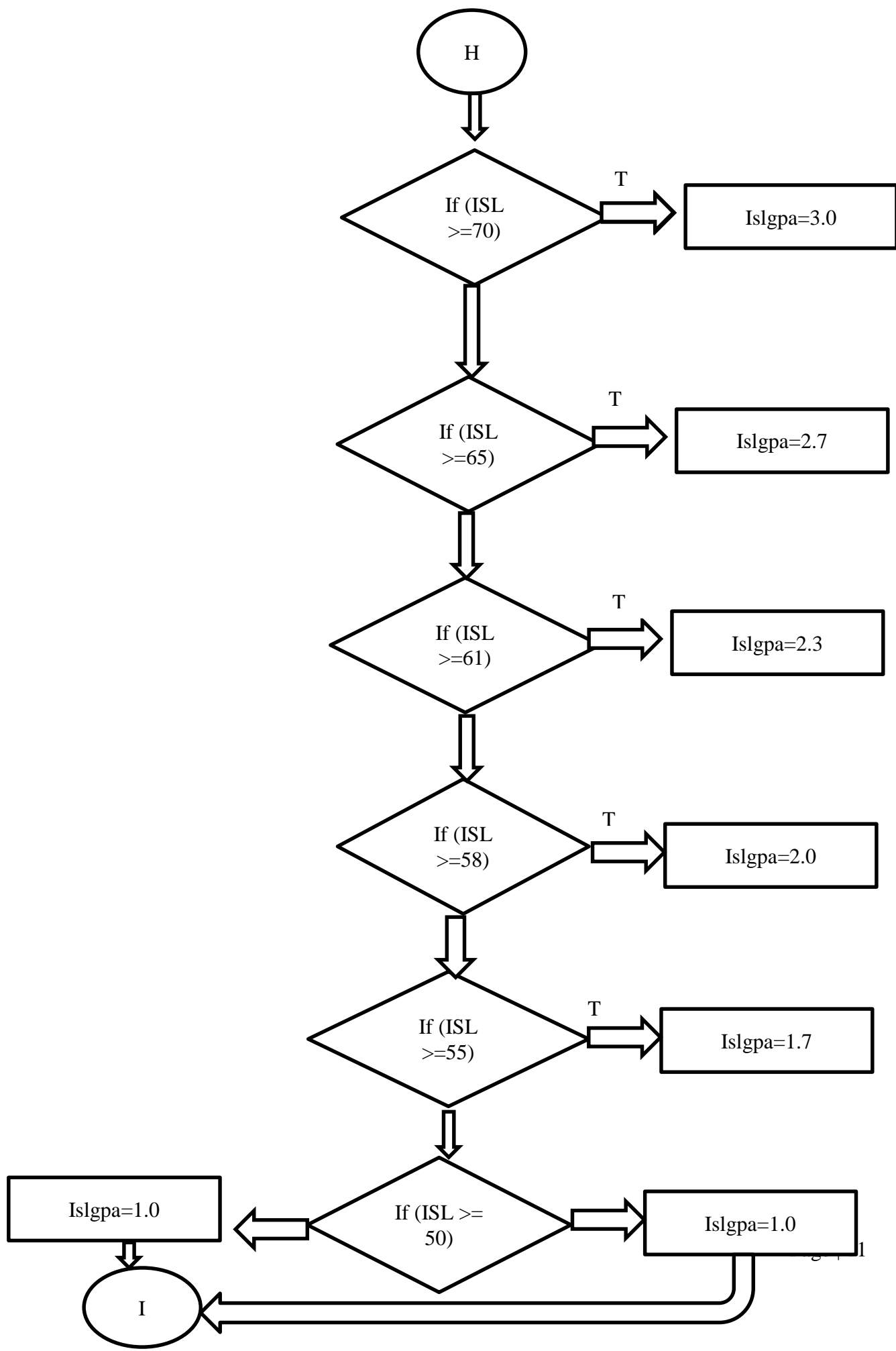


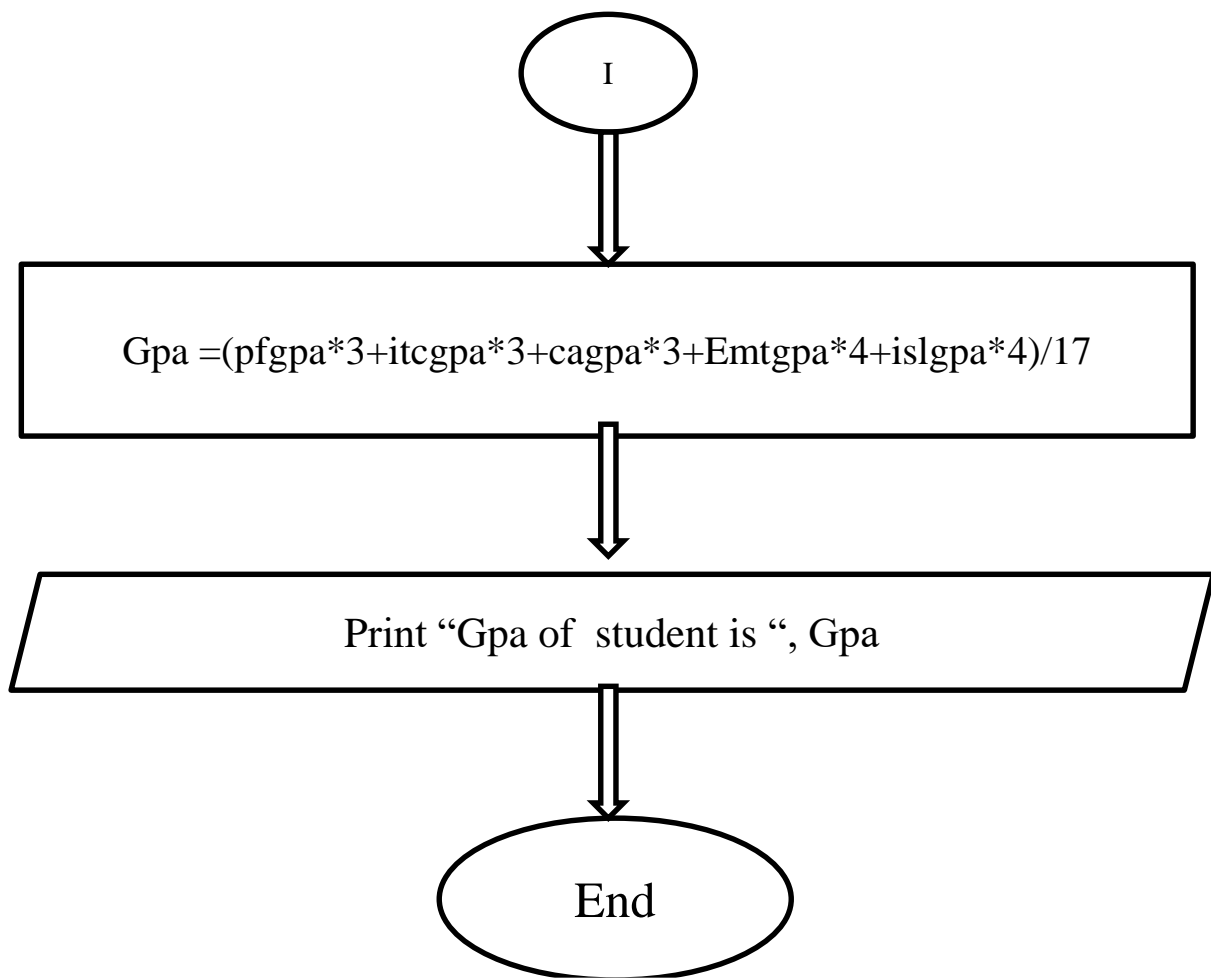












Dry run:

PF=70, ITC=75, CALCU=75,

EMT=81, ISL=78

Total marks : 379

Average marks : 75

Percentage : 75

Grade: B+

Gpa : 3.00

## Question # 2

Dry run :

2, 4

Condition is true so

2 is factor of 4

4, 3

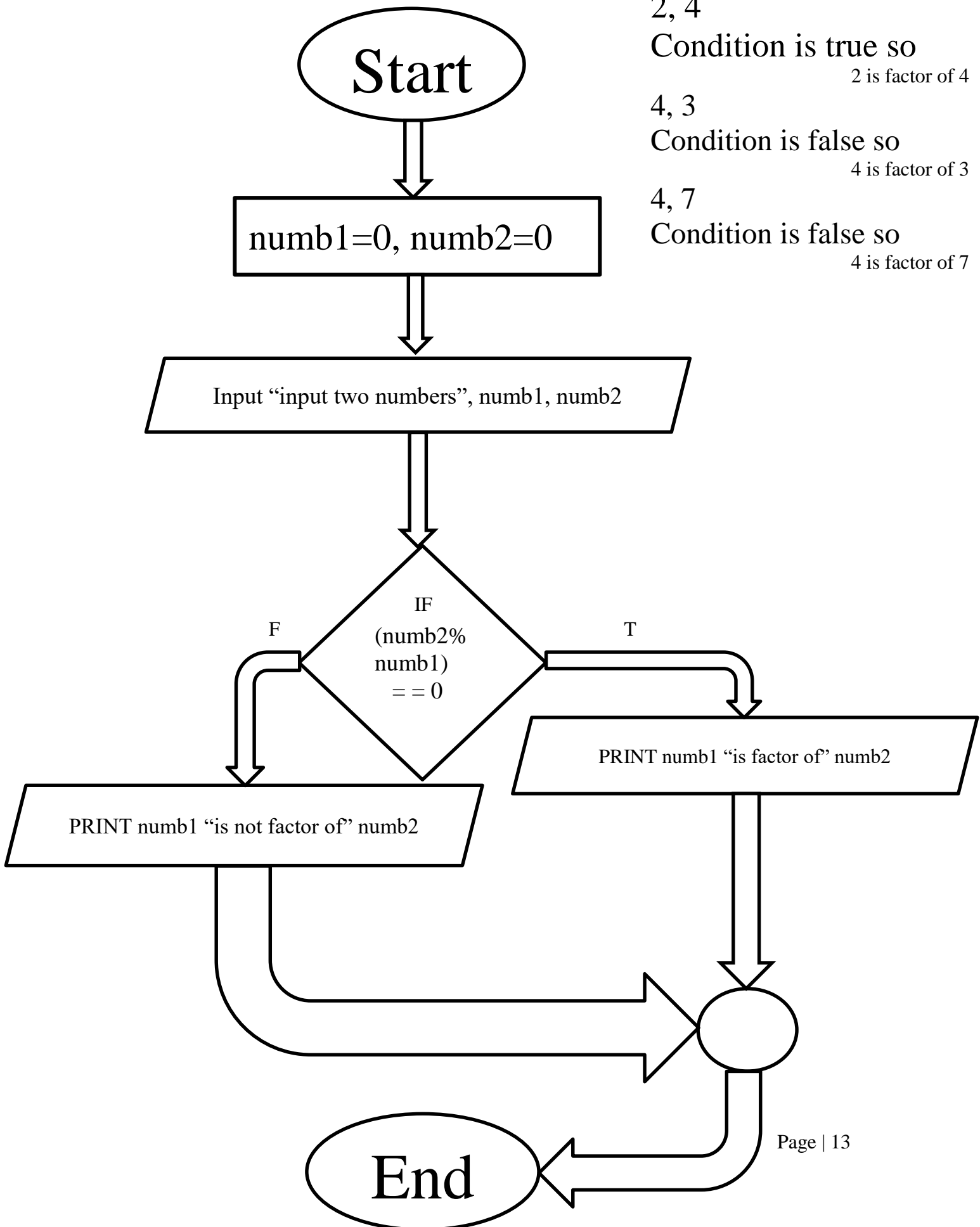
Condition is false so

4 is factor of 3

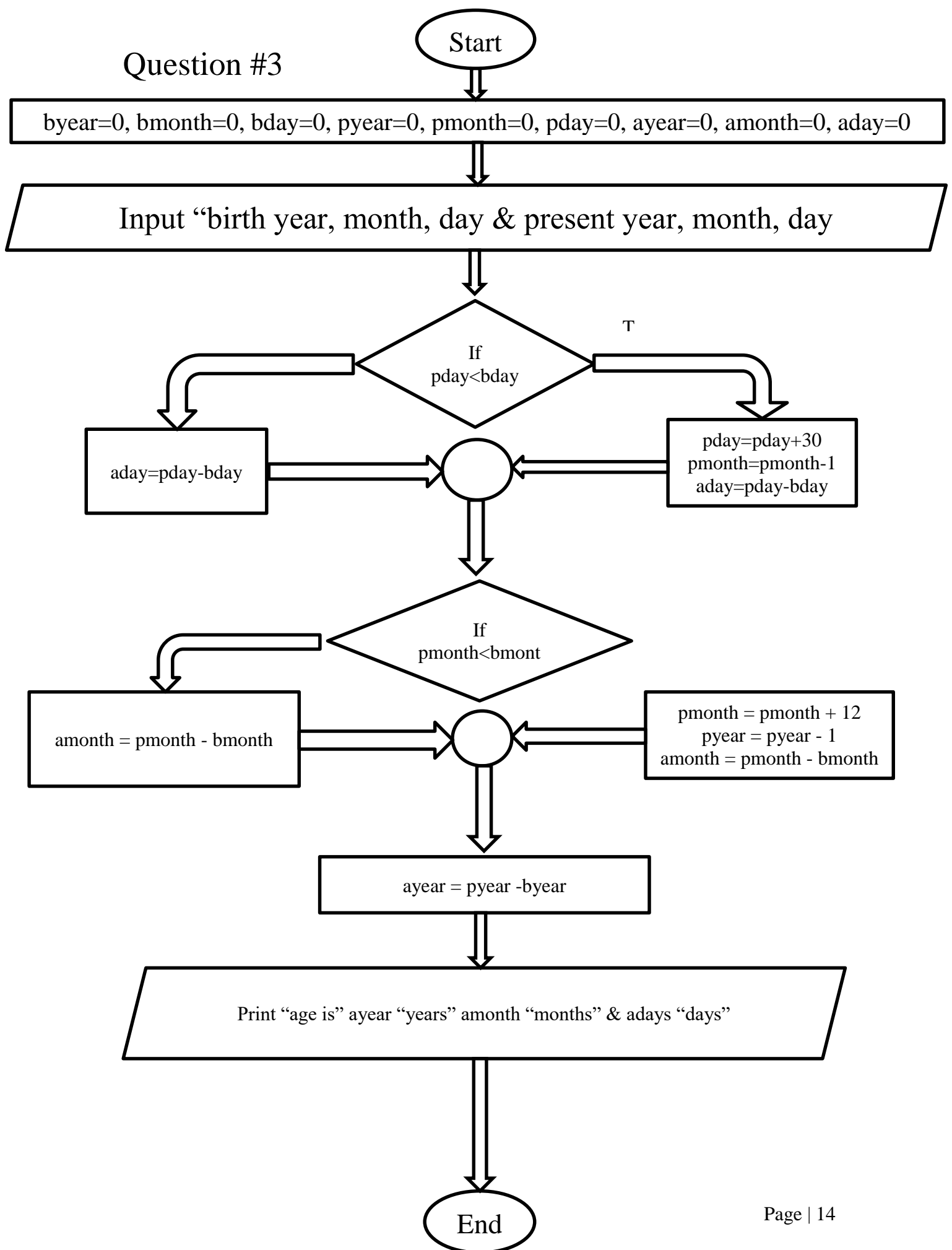
4, 7

Condition is false so

4 is factor of 7



### Question #3



# Dry run: Q3

Present:

Year	Month	Day
2014	10	15

Birth:

2000	8	7
------	---	---

Age:

14	2	8
----	---	---

Present:

Year	Month	Day
2015	7	22

Birth:

1993	12	25
------	----	----

Age:

21	6	27
----	---	----

Present:

Year	Month	Day
2015	8	22

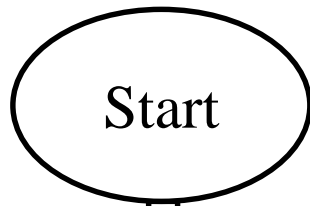
Birth:

1996	10	6
------	----	---

Age:

19	10	18
----	----	----

## Question #4

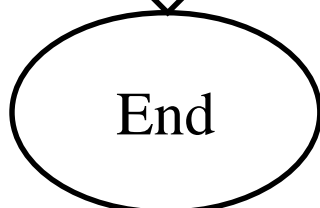


hour=0, mint=0, totalMint=0

Input "input hours and minutes", hour, mint

$\text{totalMint} = \text{hour} * 60 + \text{mint}$

Print "total times in minutes is" totalMint



Dry run: Q#4

Hour: Minute

4:35

Total minutes: 275

Hour: Minute

3:15

Total minutes: 195

Hour:Minute

10:25

Total minutes: 625



## Question #5

Dry run: Q5

Times in 24 hour format:

6

Times in 12 hour format:

6 AM

Times in 24 hour format:

18

Times in 12 hour format:

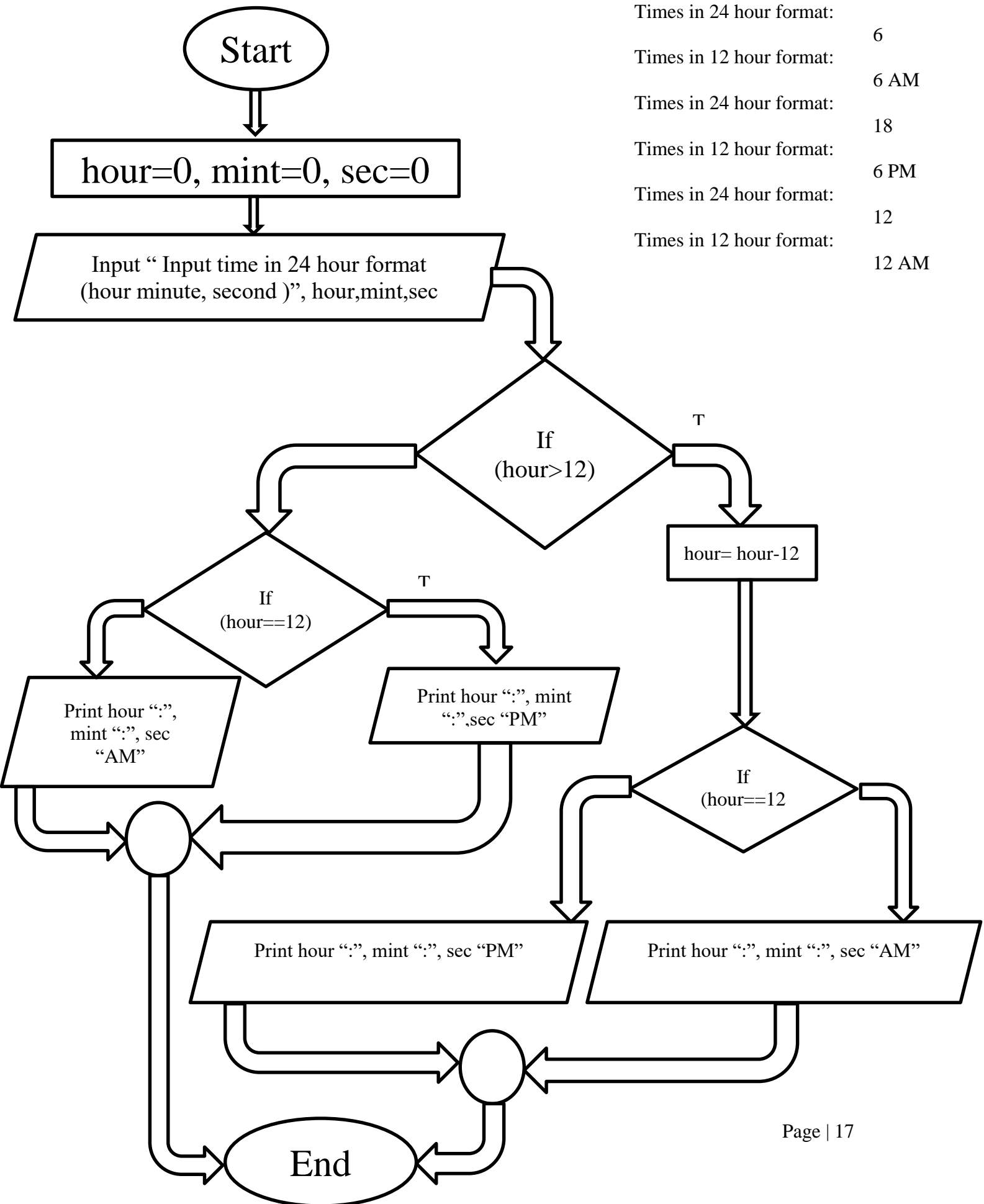
6 PM

Times in 24 hour format:

12

Times in 12 hour format:

12 AM



Question #6

Start

hour=0, min=0, sec=0, meridiem=0

Input "hour, minute,seconds",hour, min, sec

Input "meridiem(A or P)", meridiem

If  
(meridiem  
==A)

T

If  
(meridiem  
==P)

If  
(hour==12)

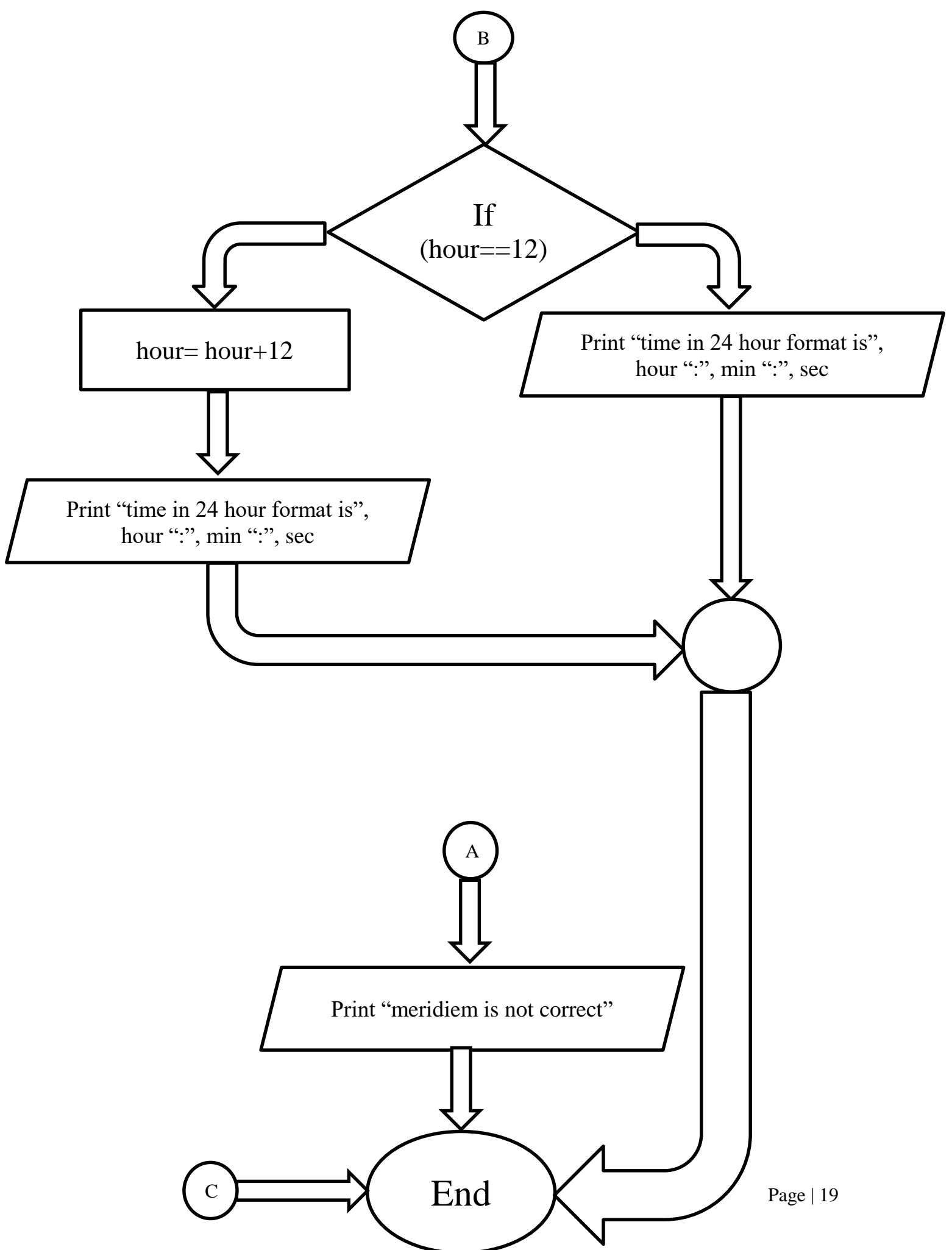
hour=0

Print "time in 24 hour format is",  
hour ":",min ":",sec

C

A

B



Dry run Q#6

Input times in 12 hours format

Hour	minutes	seconds	Meridiem
12	35	25	P

In 24 hours format:

12:35:25

12 hours format

Hour	minutes	seconds	Meridiem
9	35	25	P

In 24 hours format:

21:35:25

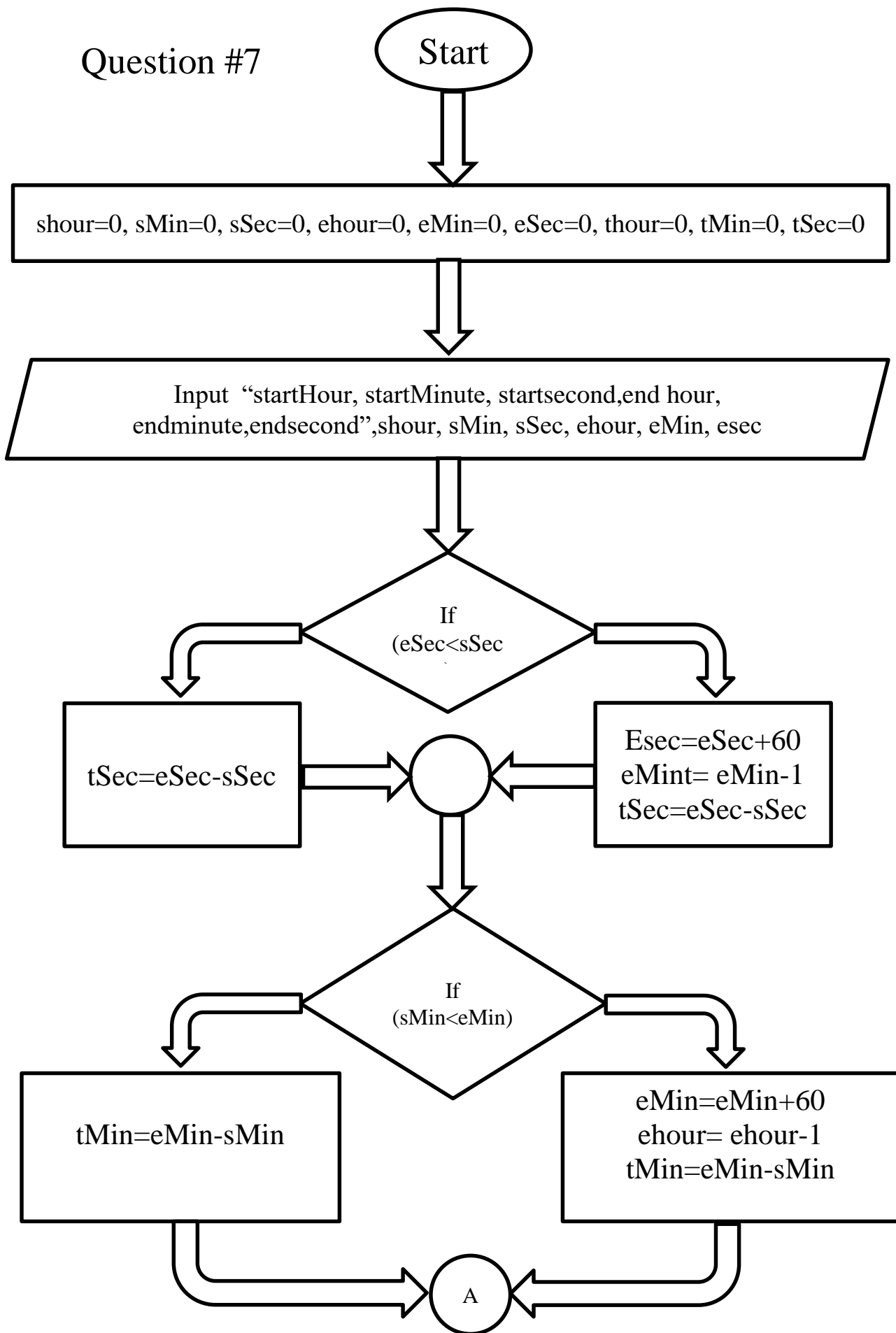
12 hours format

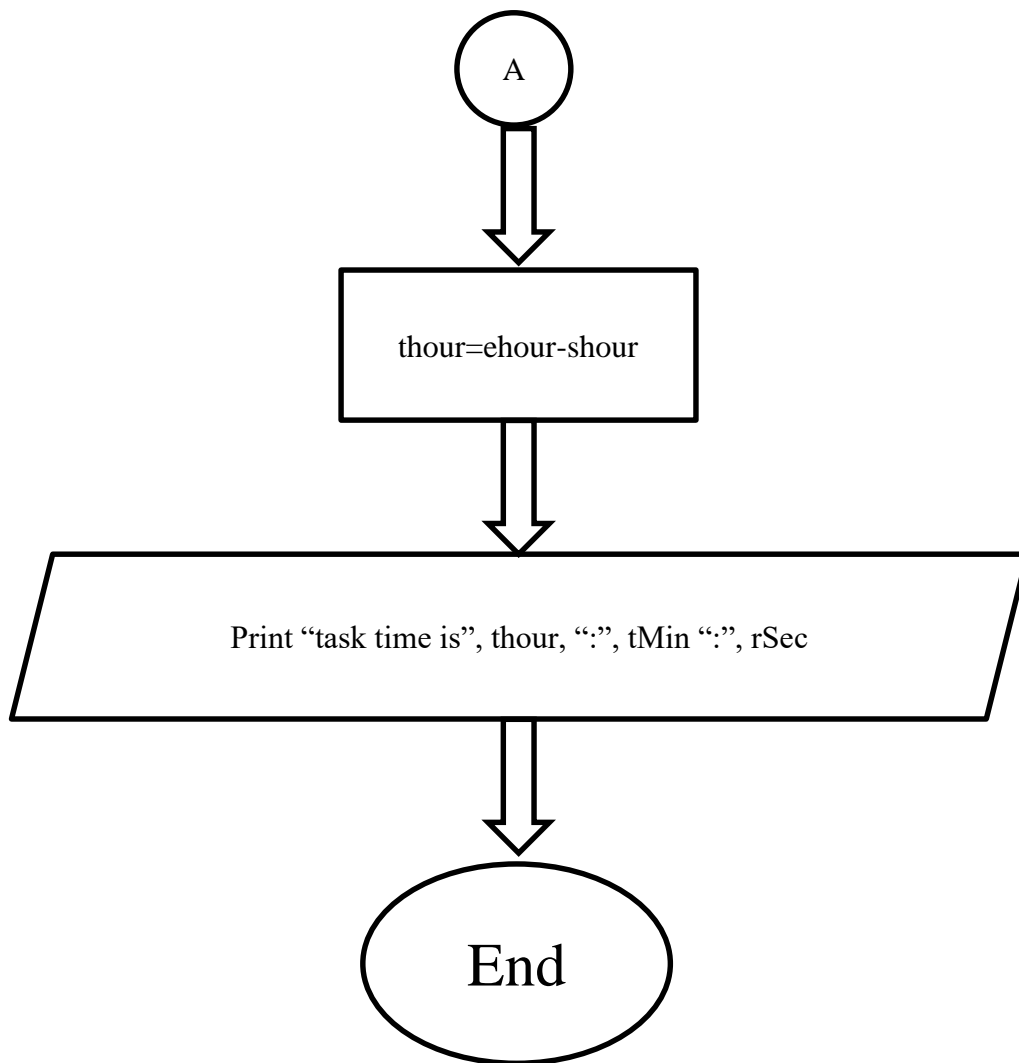
Hour	minutes	seconds	Meridiem
6	35	25	A

In 24 hours format:

6:35:25

## Question #7





Dry Run: Q#7

Input

Start time: 8      7      14

End time: 10      15      25

(Output) Task time:      2:8:11

Input:

Start time: 8      7      14

End time: 10      15      25

(Output)Task time: 2:8:11

Input:

Start time: 8      7      14

End time: 10      15      25

(Output)Task time: 2:8:11