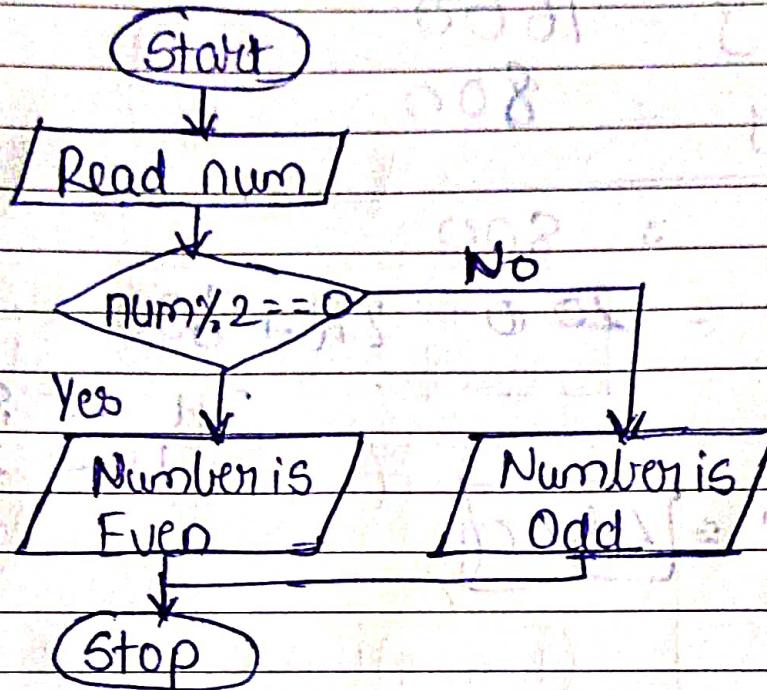


* check if the given number is Even or Odd

+ Flow chart

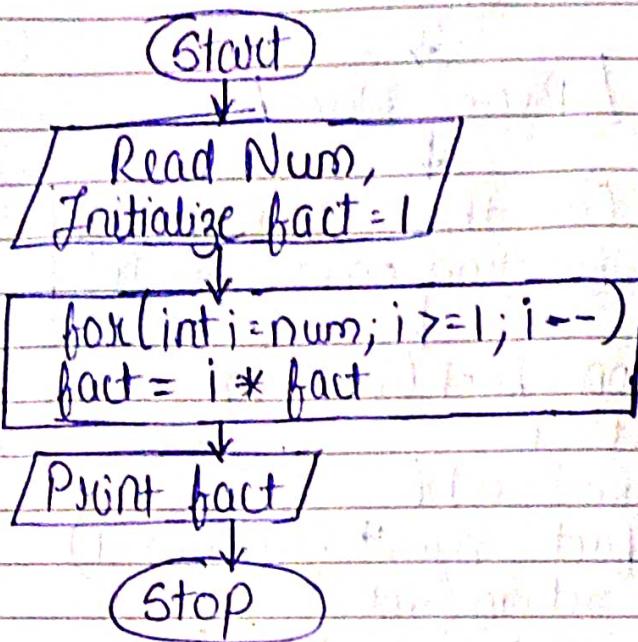


+ Algorithm

- Take input from user store it in a variable "num".
- Check if the number satisfy the condition
 num \% 2 == 0
- If the number satisfies the condition Number is Even.
- Else the number is Odd.

* Write a java program to find the factorial of a given number.

+ Flowchart

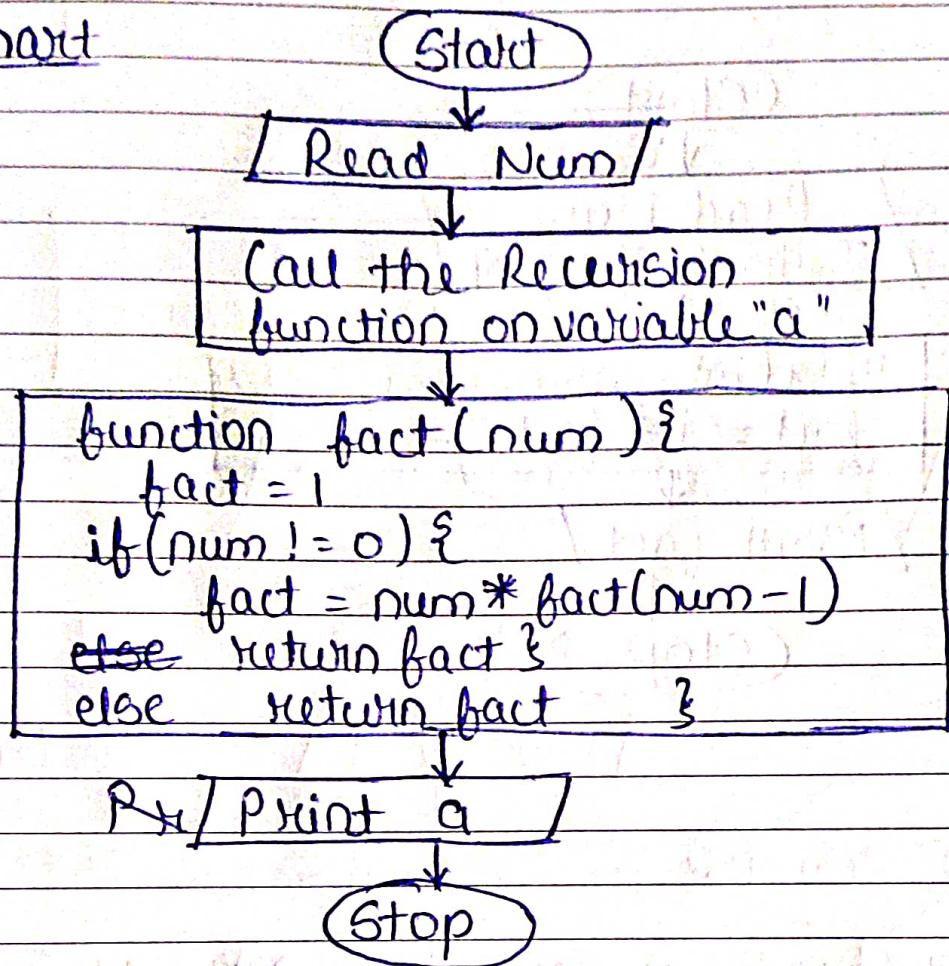


+ Algorithm

- Take input from user, store it in variable "num".
- Initialize "fact" to value = 1 .
- Iterate the num in 'for loop' till it reduces to 1 .
- Simultaneously multiply and save it in variable named "fact".
- Print the "fact" value.

* Find the factorial of a number using Recursion.

+ Flowchart

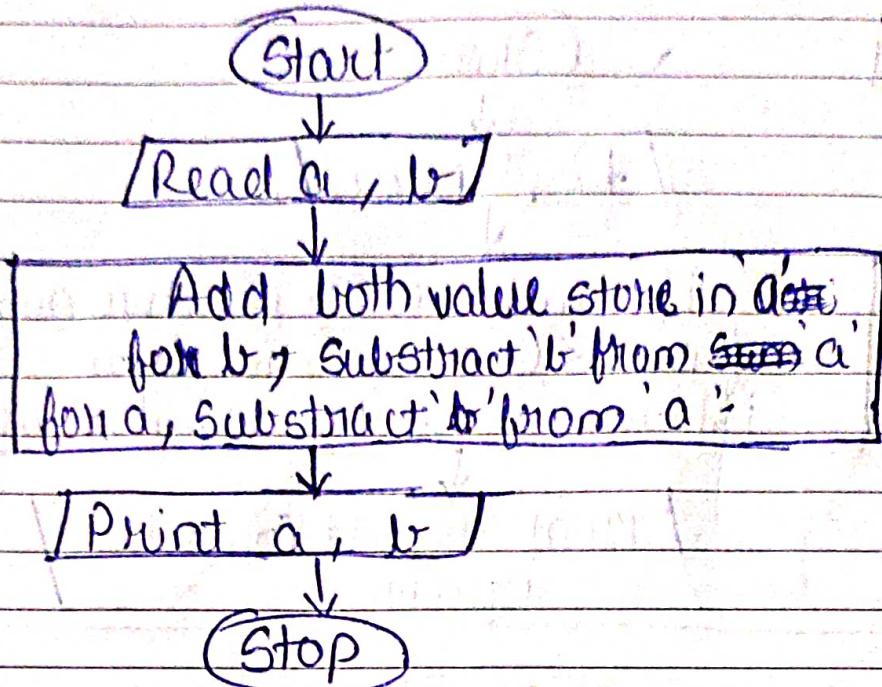


+ Algorithm

- Take input from user and store in variable "num".
- Calling a Recursive function on variable "a".
- Print the value of a.

* Swap two numbers without using the third variable.

+ Flowchart

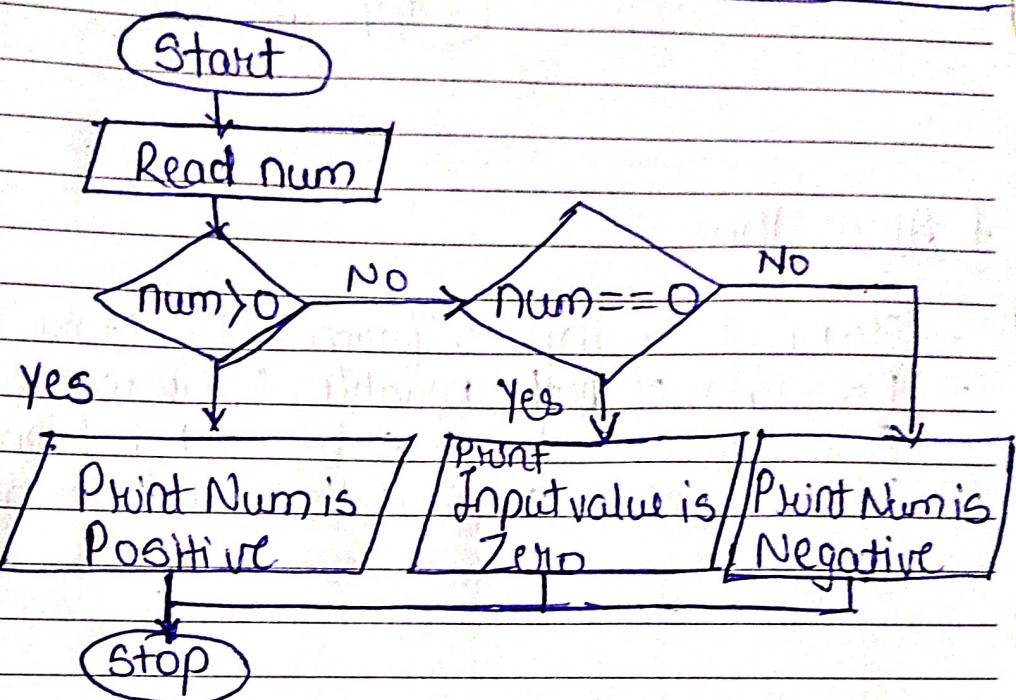


+ Algorithm

- Take two inputs from user store in a and b variable
- Do sum of both variable, store in a
- For variable b → subtract b from a
- For variable a → subtract b from a.

+ Flow chart

Assignment
To check the
given number is
Positive or
Negative



+ Algorithm

- Take input from user , store in variable num
- check if $num > 0$; print Num is positive
- check if $num == 0$; print Num value is Zero
- check if $num < 0$; print Num value is negative

It's not hard to make decisions, when you know what your values are.

09

JULY

Week 28, 190-175

2014

WEDNESDAY

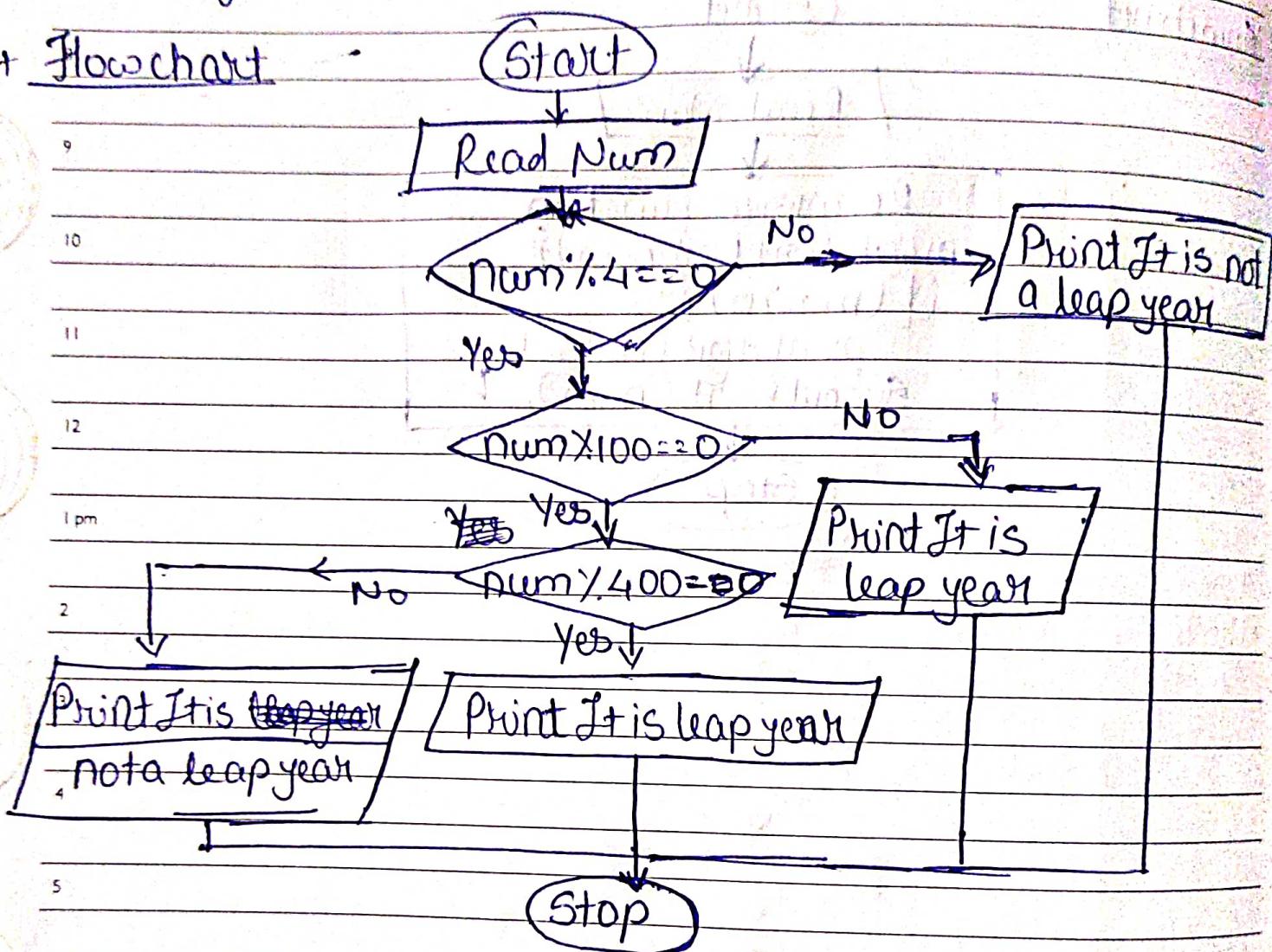
June - 2014

Wk	M	T	W	T	F	S	S
22	30					1	
23	2	3	4	5	6	7	8
24	9	10	11	12	13	14	15
25	16	17	18	19	20	21	22
26	23	24	25	26	27	28	29

Wk	M	T	W	T	F	S	S
27	1	2	3	4	5	6	
28	7	8	9	10	11	12	13
29	14	15	16	17	18	19	20
30	21	22	23	24	25	26	27
31	28	29	30	31			

* Write a java program to find whether a given no is leap year or not.

+ Flowchart



Algorithm

- Take input from user, store in variable num.
 - if $num \% 4 == 0$, satisfy check condition 1.
 - If no print It is not a leap year.
 - If condition 1 satisfy check for condition $num \% 100 == 0$.
 - If it satisfy check condition 3, if no Print it is not a leap year.
 - Check 13. If it satisfy Print leap yr, if no Print
- There is no road to success but through a clear strong will power. Not a leap yr.

* Write a java program to Print 1 to 10 without using loop

7am

+ Flowchart

Start

Read Num

Recursive function
print digit (int num) {
if (num > 0) {
print digit (num - 1);
System.out.print (num); } }

Stop

1 pm

2

AUG

SEP

* Write a Java Program to print the digits of given Number.

7am

8

9

10

11

12

1 pm

Start

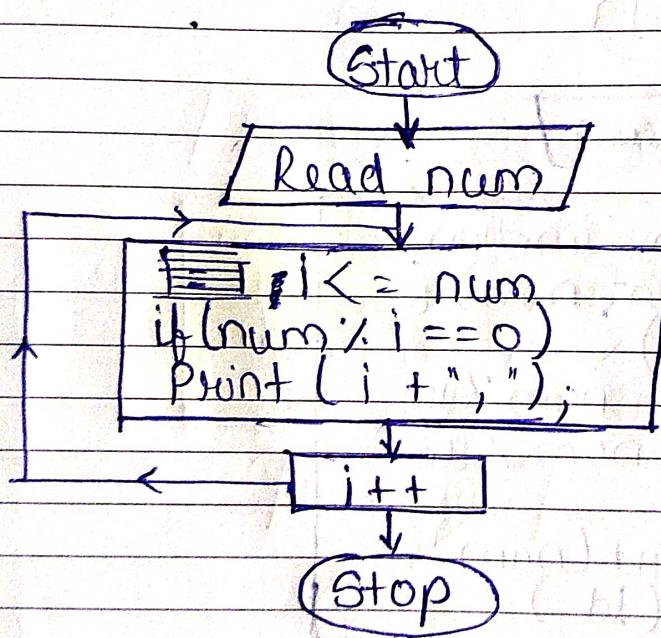
Read num

Recursion function
printdigit(int num) {
if (num != 0) {
int d = num % 10;
num = num / 10;

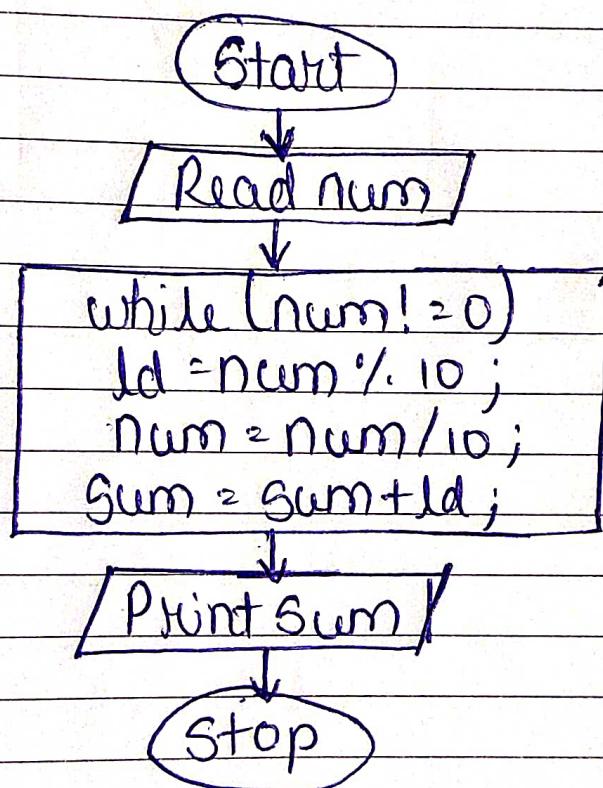
 printdigit(num);
 System.out.print(d);

Stop

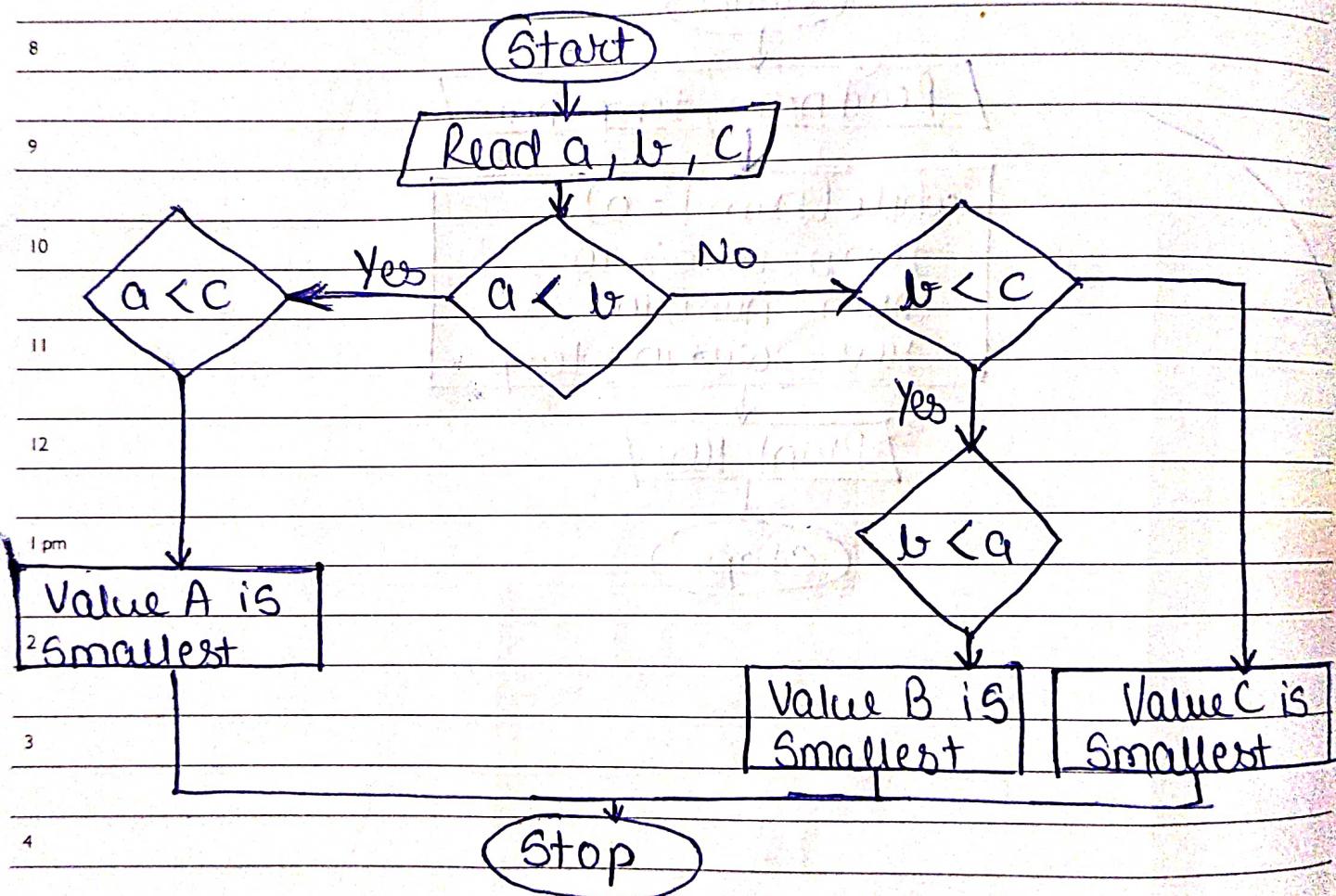
* Write a java program to print all the factors of the given number.



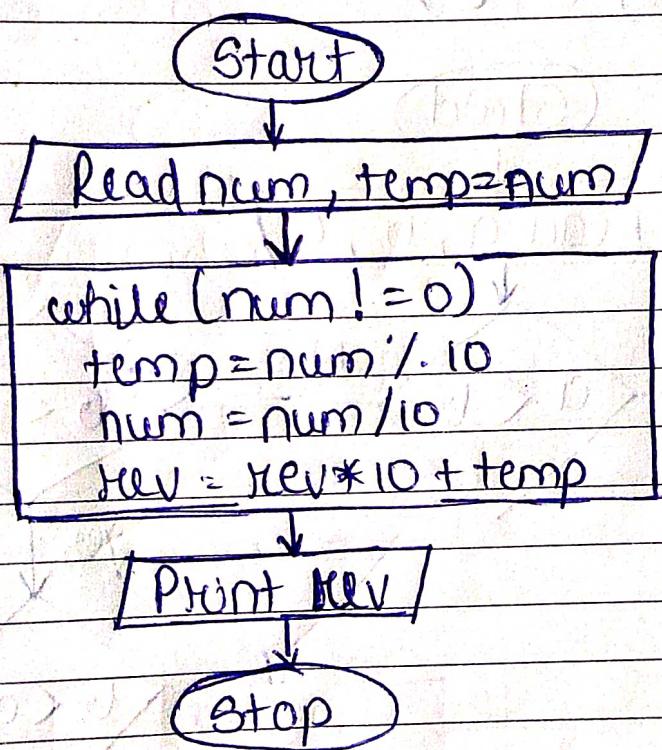
* Write a Java program to find the sum of the digits of the given number.



* Write a java program to find the smallest of
7am 3 numbers (a, b, c)



* Write a java program to reverse a given number.



* Check whether the given number is Palindrome or not.

7am

8

9

10

11

12

1 pm

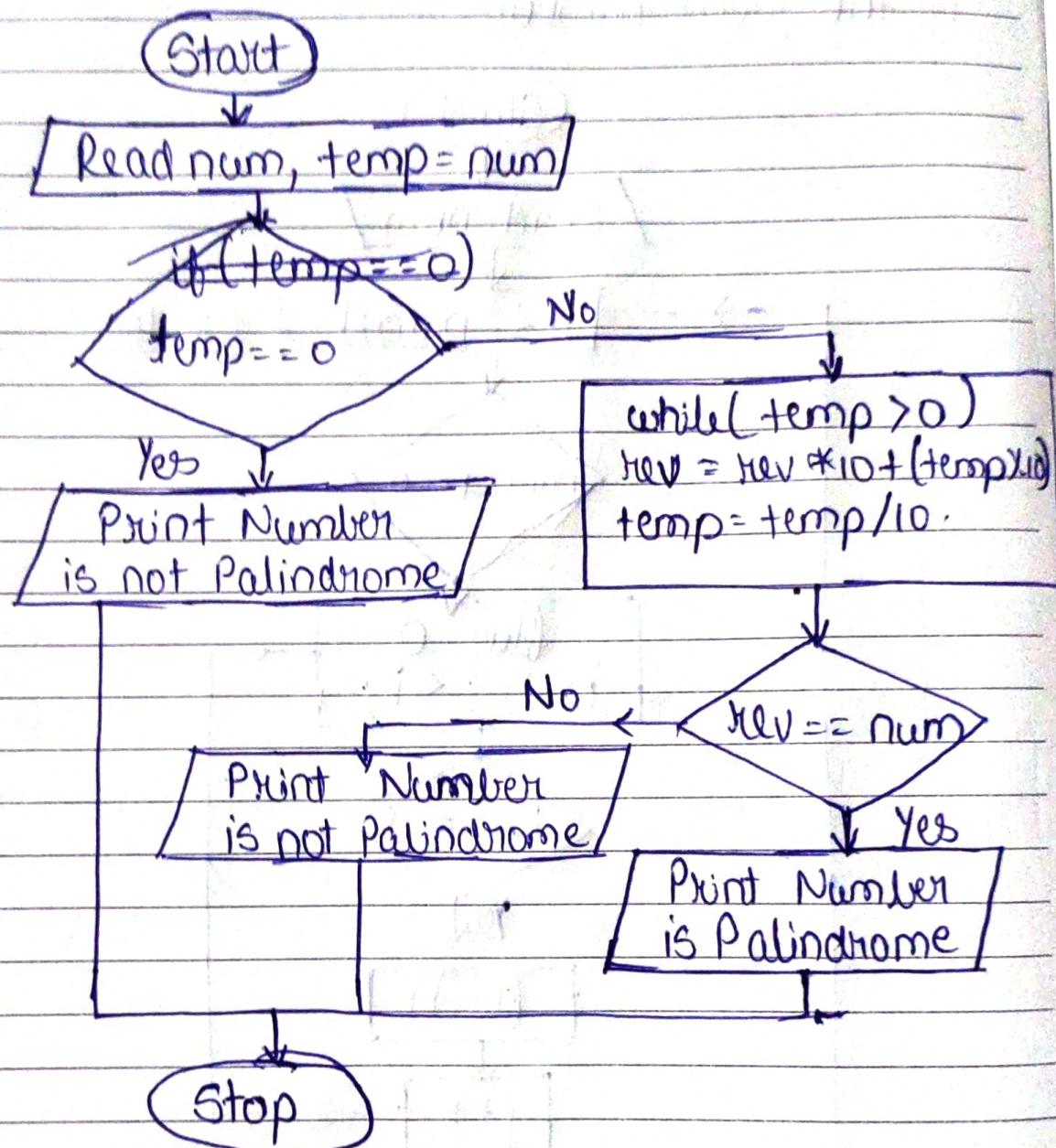
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3

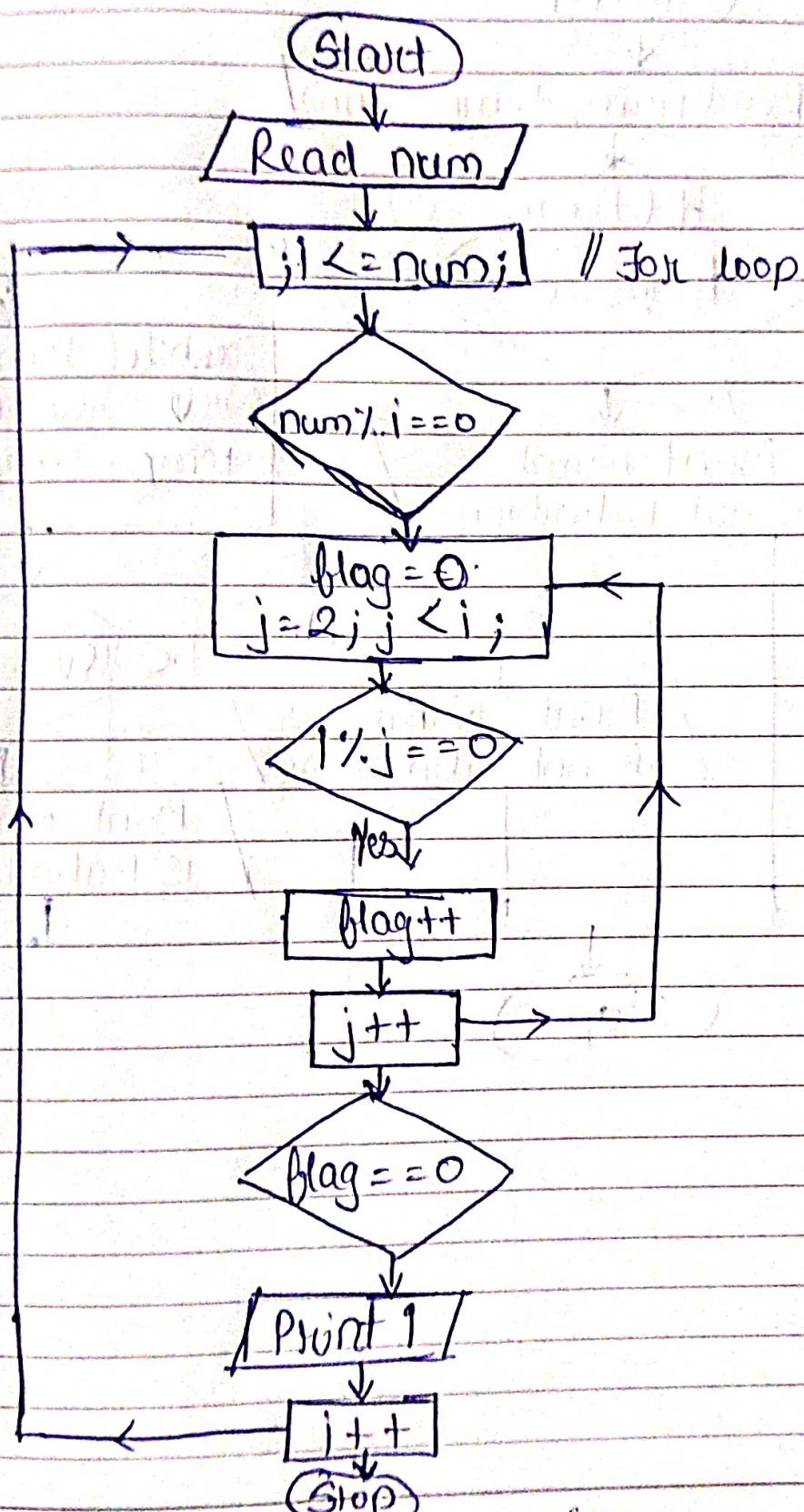
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5

6



Write a java program to print all the prime factors of the given number.



Anger shows the character of a person.