Algorithm for determining the value is divisible by 3 or not

Algorithm for determining the number is divisible by 3

Logic : the number that is given that should be in multiple of 3

Logic 1) Here we can add 3 upto desired number if the number matches to our desired number

Logic 2) in here we subtract 3 from desired number if we got 0 then it is multiple of 3

Logic 3) here we can multiply 3 many times upto we got desired value

Logic 4) we can simplify the number using "%"function if sum of the numbers in given number it is equal to 3 or 6 or 9 then we can say it is divisible by 3

Example: 15 ; 1+5=6 so it is divisible by 3

Start

Declare integers name A,I,B

Now print the text using "printf" to print on console

Now use scanf function to record the number that is given in console screen by user assign the value a

We can write the code according to logic 3

Assign I=1 and I<=A and I++ in "for "loop

Write the condition B=3*I;

Use "if statement to verify the value B==A;

If the condition satisfies "Break;"

stop

Print "true" using printf"true";

Else print f "flase"

stop

Simulation:

Enter the desired value

Loop starts according desired value

If condition satisfies stop

Go to loop

If the desired value didn't satisfies the condition upto A

Then print false