# Task no 8,9,10

# Task no: 8

# Write down an algorithm to find out whether a number belongs to the Fibonacci series or not.

1. Start
2. Consider variable “N”
3. Take input “N”
4. If 5 \* N^2-4 is a perfect square, go to step 7
5. Else if 5 \* N^2+4 is a perfect square, go to step 7
6. Print “the number is not Fibonacci.”
7. Print “the number is Fibonacci.”
8. End

Task no: 9

Write down an algorithm to find out whether a number is even or odd.

Start

Take input say X

If X/2 = whole number

Print X is even

Else

Print X is odd

End

Task no: 10

Write down an algorithm to find the solution to any problem you can find from the Internet from any domain you are interested in.

1. start
2. check which number is greater
3. Take input say num01
4. Take input say num02
5. If “Num01 is greater than num02” go to step 6
6. Print “num01 is greater ”
7. Else
8. Print “num02 is greater ”
9. End