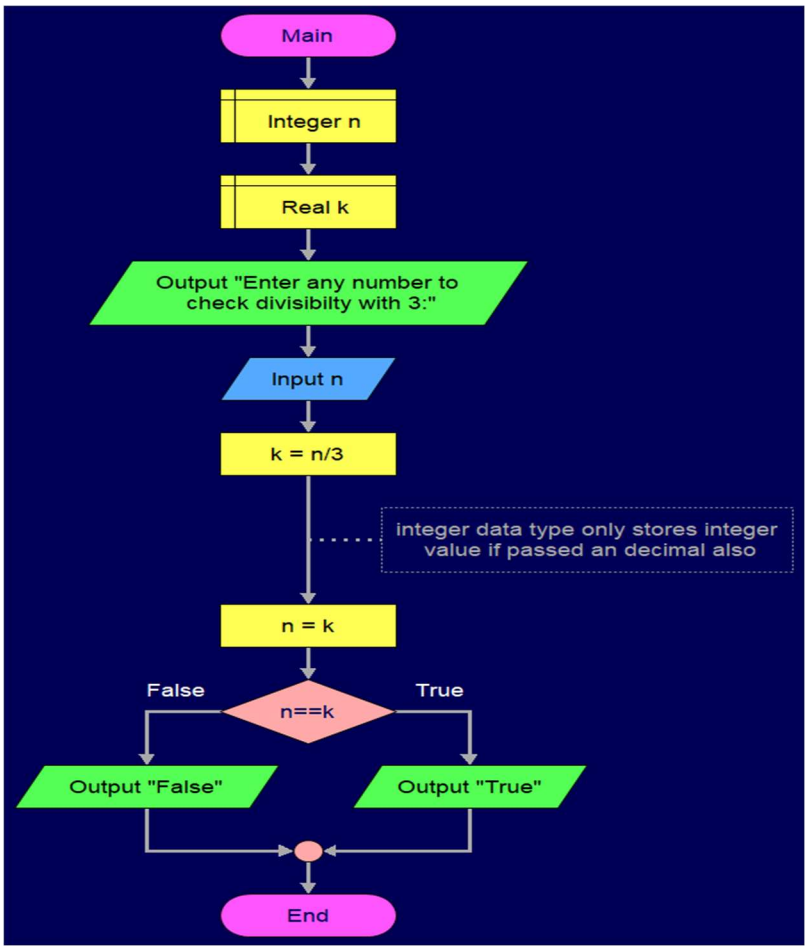
Question 1:

Write pseudocode and flowchart for a program that outputs 'True' if a given number is divisible by 3 and 'False' otherwise, without using the '%' operator explicitly (like N % 3 == 0).

Pseudo-code:

```
Print "Request for the input"
Input n
Real / float value k equals n divided with 3
Integer 'n' equals real value 'k'
If "n equals to k "
        Print "true"
Else
        Print "false"
```

Flowchart :



Question2:

Write pseudocode and flowchart for program that prints Nth Fibonacci number. (Nth Fibonacci Number denoted as F(N), F(0)=0, F(1)=1, F(2)=1, F(3)=2,…)

Pseudo-code :

Declare Integer variables "a,b,c,i and n"

Set 'a' as 0 and 'b' as 1

Print "Enter the value of n"

Store it in 'n'

For('i' from 1 , till n)

'c' equals to sum of 'a' & 'b'

'a' equals to 'b'

'b' equals to 'c'

Print "a"

Flowchart: