**A Fibonacci series (starting from 1) written in order without any spaces in between, thus**

**producing a sequence of digits.**

**Write a Scala application to find the Nth digit in the sequence.**

**Write the function using recursion**

def fibonacci (n: Int): Int = {

@tailrec

def go(nextToLast: Int, last: Int, n: Int): Int = n match {

case 0 => 0

case 1 => last

case \_ => go(last, nextToLast+last, n-1)

}

go(0, 1, n-1)

}

**Using standard for loop:**

def fib3(n):

if n < 2:

return n

f\_0 = 0

f\_1 = 1

f\_n = 0

for \_ in range(n - 1):

f\_n = f\_0 + f\_1

f\_0 = f\_1

f\_1 = f\_n

return f\_n