1.WRITE A PROGRAM TO PRINT FIBONACCI SERIES USING RECURSION

PROGRAM

```
def fibo(n):
  if n <= 1:
     return n
  else:
     return(fibo(n-1) + fibo(n-2))


nterms = 10


# check if the number of terms is valid
if nterms <= 0:
  print("Plese enter a positive integer")
else:
  print("Fibonacci sequence:")
  for i in range(nterms):
     print(fibo(i))
```

TIME COMPLEXITY: **O(n)**

INPUT:10

OUTPUT: