

```
def fibo1(a):
    if a<= 1 :
        return 1
    else:
        return fibo1(a-1) + fibo1(a-2)

def fibo2(a):
    nextVal = 1
    old = 0
    temp = 0
    for i in range(0,a):
        if (i<2):
            old=1
            nextVal=1
        else :
            temp = old
            old = nextVal
            nextVal = temp + nextVal
    return nextVal

from time import time
print "Enter a Number"
a = input()

t1 = time()
ans = fibo1(a-1)
print "Excecution time:", round(time()-t1, 3), "s"
print ans
t1 = time()
ans = fibo2(a)
print "Excecution time:", round(time()-t1, 3), "s"
print ans
```