```
                    ( start )
                        |
                        v
    +-------------------------------------+
    | int f_1 = 0 , f_2 = 1 , i = 3       |
    | n , sum = 0 , f_3                   |
    +-------------------------------------+
                        |
                        v
    /-------------------------------------/
    /  print "plz enter a num"           /
    /-------------------------------------/
                        |
                        v
              /---------------/
             /   get n       /
            /---------------/
                        |
                        v
      /-------------------------/
     /  print f_1 , f_2        /
    /-------------------------/
                        |
                        v
    +-------------------------+
    |   f_3 = f_1 + f_2       |  <----------+
    +-------------------------+             |
                        |                   |
                        v                   |   T
            +----------------+              |
            |   f_1 = f_2    |              |
            +----------------+              |
                        |                   |
                        v                   |
            +----------------+     +----------+     +-------------------+
            |   f_2 = f_3    |---->|  i = i+1 |---->| sum = sum + f_3   |
            +----------------+     +----------+     +-------------------+
                                                             |
                                                             v
```

$f_1 = 0$, $f_2 = 1$, $i = 3$
n, $sum = 0$, f_3

print "plz enter a num"

get n

print f_1, f_2

$f_3 = f_1 + f_2$

$f_1 = f_2$

$f_2 = f_3$

$i = i + 1$

$sum = sum + f_3$

Decision: if $i \le n$ (T / F)

F $\rightarrow$ end

print sum

(start)

(end)