递归求和

def func(x):

if x <= 0:

return 0

return func(x - 1) + x

func(4) -> func(3) + 4

func(3) -> func(2) + 3

func(2) -> func(1) + 2

func(1) -> func(0) + 1

func(0) -> 终止if x <=0 return 0

费布那切数列

1 1 2 3 6 9 15 ...

an = an-1 + an-2