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In [ ]: #generate a fibonacci series
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In [ ]: #a series of numbers in which each number ( Fibonacci number ) is the sum of the  
#The simplest is the series 1, 1, 2, 3, 5, 8, etc.
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In [2]: n=int(input("Enter number"))  
x=0  
y=1  
z=0  
while z<=n:  
    print(z)  
    x=y  
    y=z  
    z=x+y
```

Enter number10

0

1

1

2

3

5

8