斐波那契数列

```
a = 0
b = 1
for _ in range(20):
    a, b = b, a + b
    print(a, end=' ')
```

normal equation

here
here

类方法

```
class Date(object):
   day = 0
   month = 0
   year = 0

   def __init__(self, year=0, month=0, day=0):
      # your code

   @classmethod
   def from_string(##): # 类方法，我们不用通过实例化类就能访问的方法. 有cls，约定参数，会更改
       # your code , parse '2020-01-01' to year, month, date
       return date

   @staticmethod
   def is_date_valid(date_as_string): # 这里只有一个参数，不需要self，也不会更改类的结果
       """
      用来校验日期的格式是否正确
       """
       year, month, day = date_as_string.split(#your code #)
       # year <=3999, 0< month <=12,0<day<31
       # additional if you can check Feb 29 for leap year
       return # your code

# check code here: date1 = Date.from_string('2012-05-10')
print(date1.year, date1.month, date1.day)
is_date = Date.is_date_valid('2012-09-18') # 格式正确 返回True
```