**Python数据分析库pandas基本操作**

2017年02月20日 17:09:06 [birdlove1987](https://me.csdn.net/u012269327) 阅读数：24015 标签： [python](http://so.csdn.net/so/search/s.do?q=python&t=blog)[数据分析](http://so.csdn.net/so/search/s.do?q=%E6%95%B0%E6%8D%AE%E5%88%86%E6%9E%90&t=blog)[pandas](http://so.csdn.net/so/search/s.do?q=pandas&t=blog) 更多

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pandas是什么？



是它吗？

。。。。很显然pandas没有这个家伙那么可爱。。。。

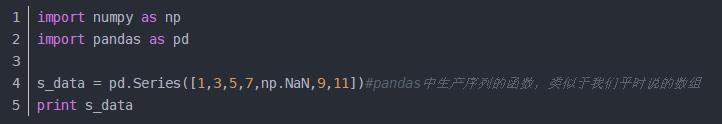
我们来看看pandas的官网是怎么来定义自己的：

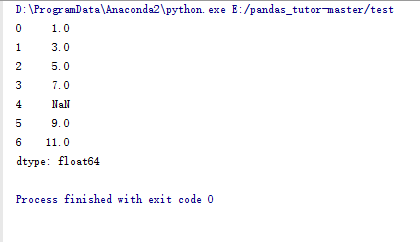
pandas is an open source,**easy-to-use data structures and data analysis tools for the Python programming language**.

很显然，pandas是python的一个非常强大的数据分析库！

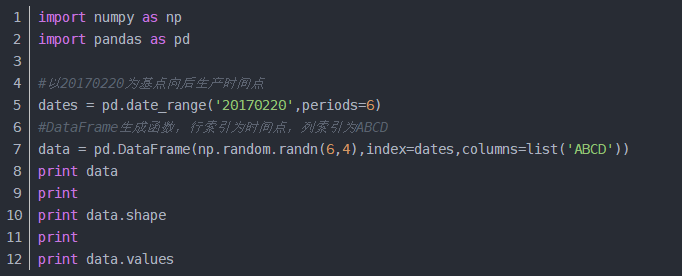
让我们来学习一下它吧！

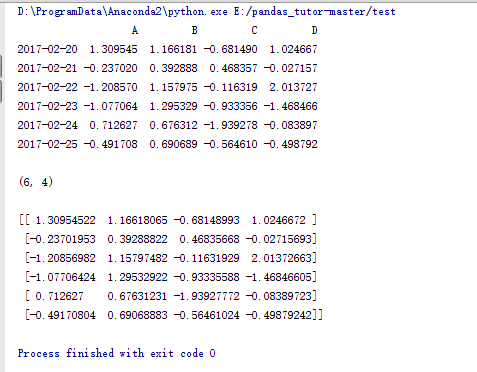
1.pandas序列



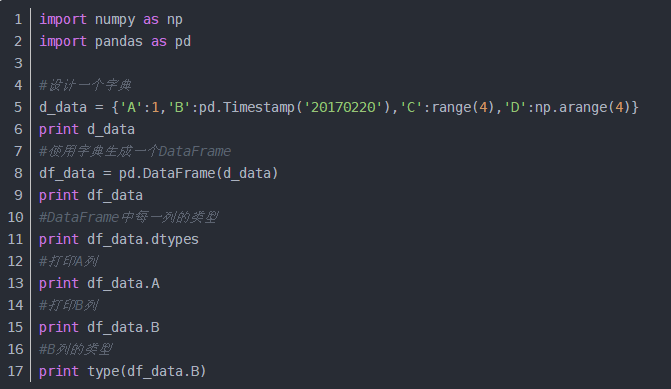


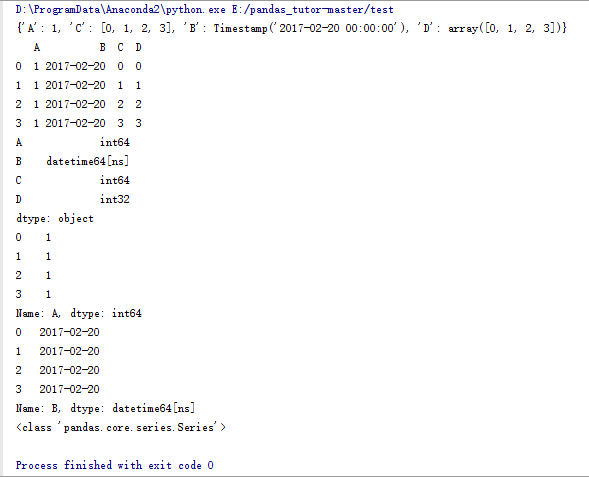
2.pandas数据结构DataFrame





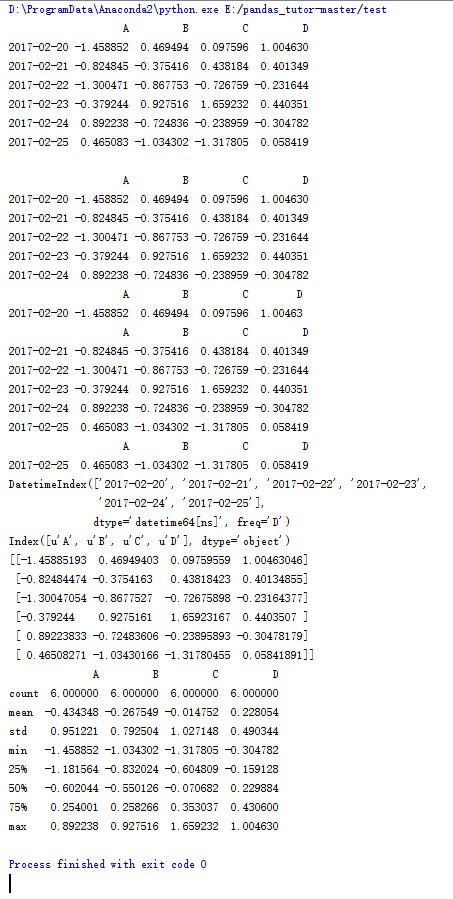
3.DataFrame的一些操作(1)



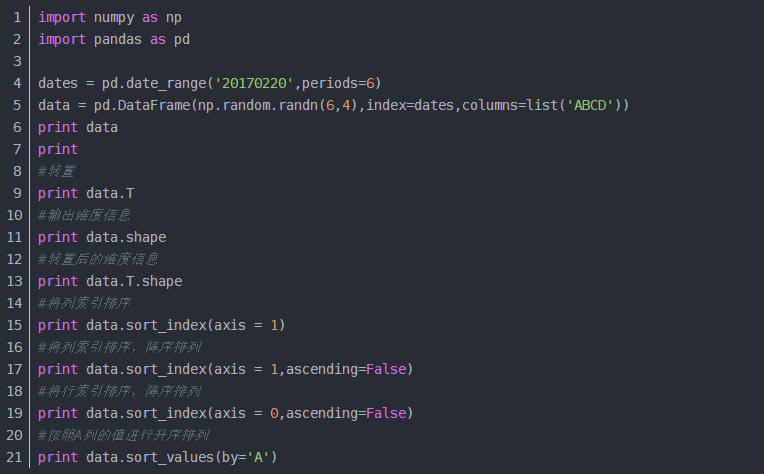
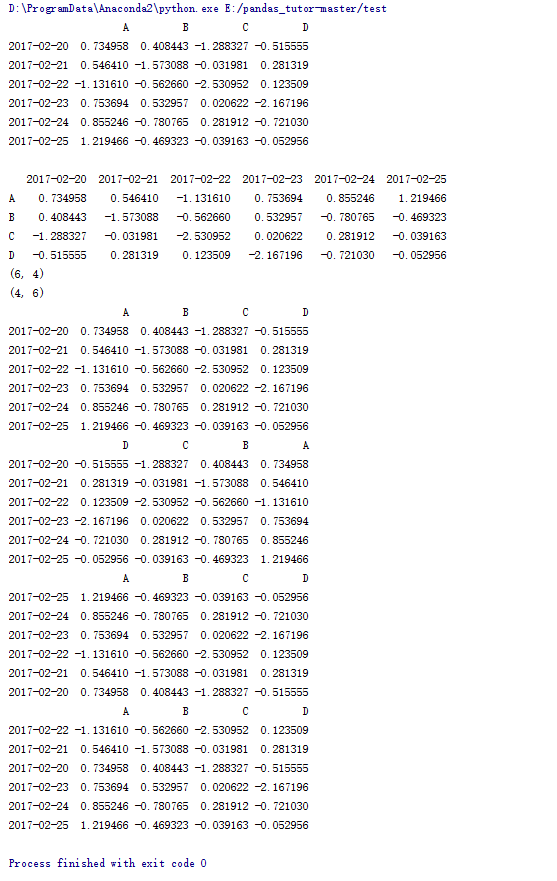


4.DataFrame的一些操作(2)

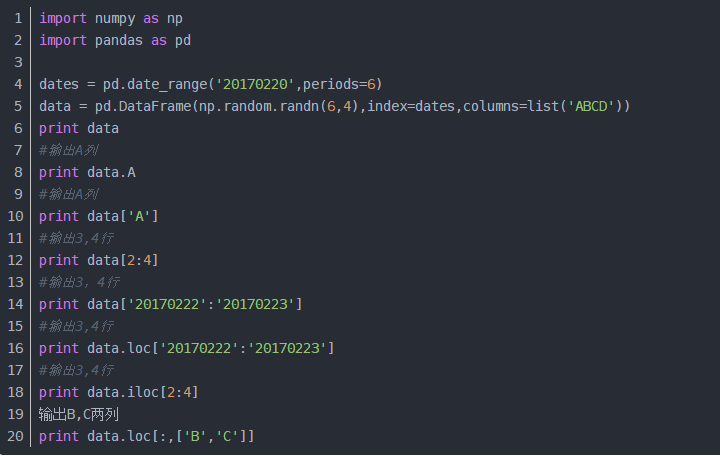


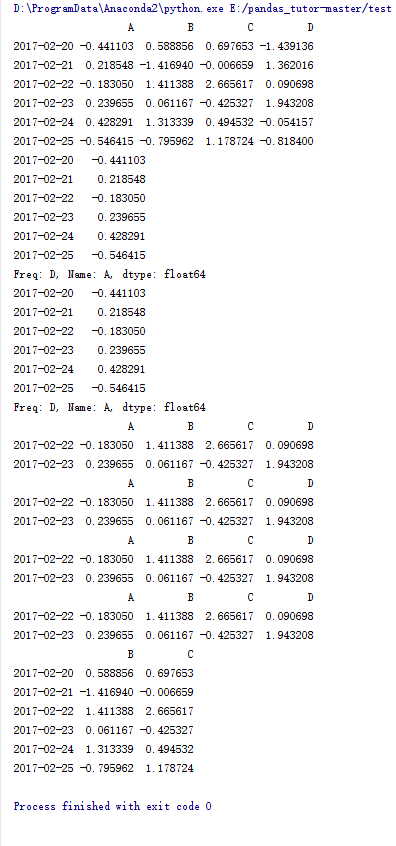


5.DataFrame的一些操作(3)

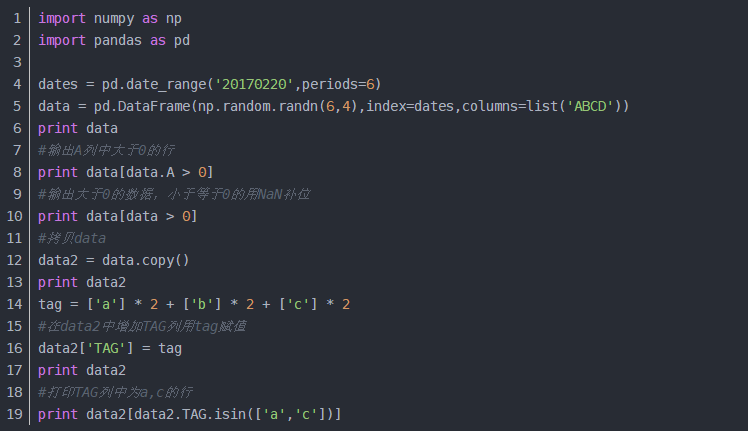
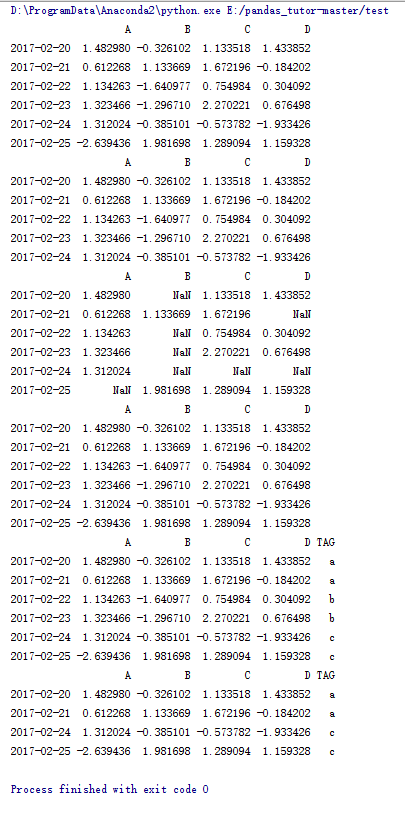
  


6.DataFrame的一些操作(4)



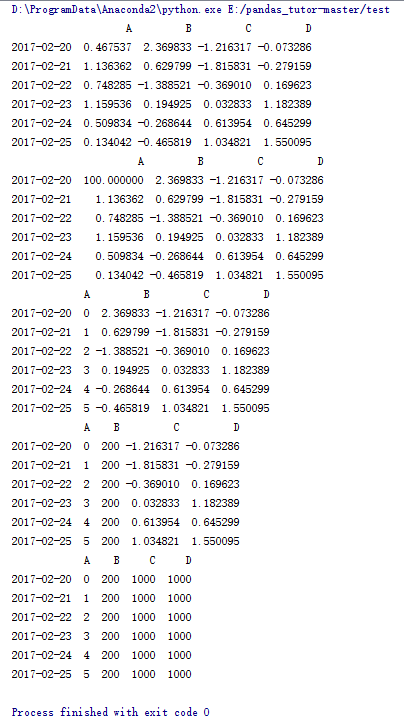


7.DataFrame的一些操作(5)

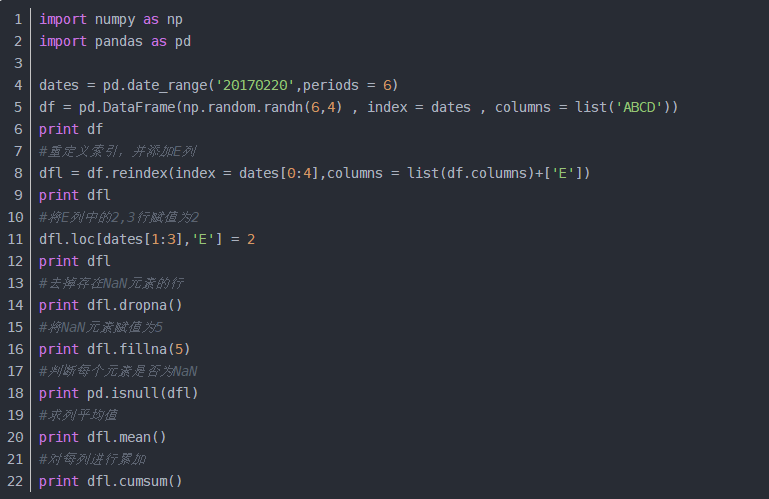
  


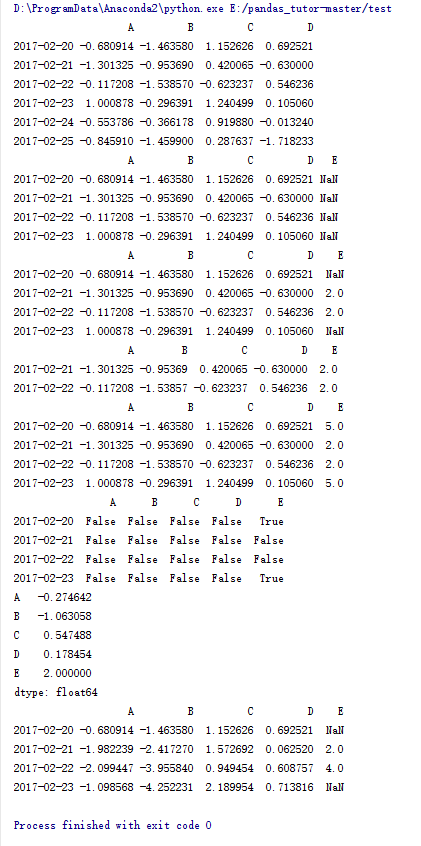
8.DataFrame的一些操作(6)

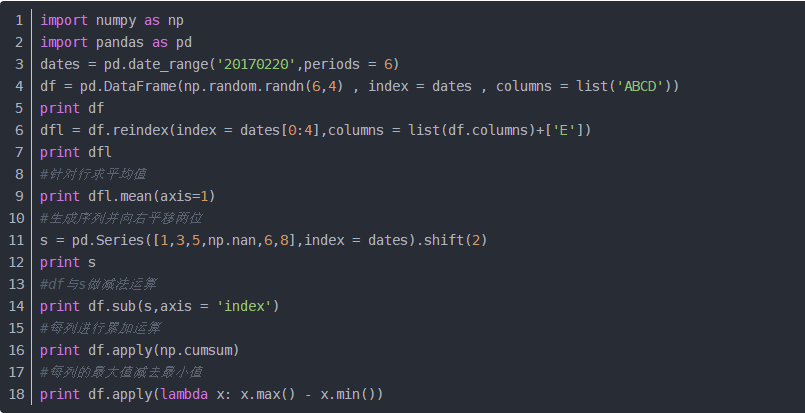
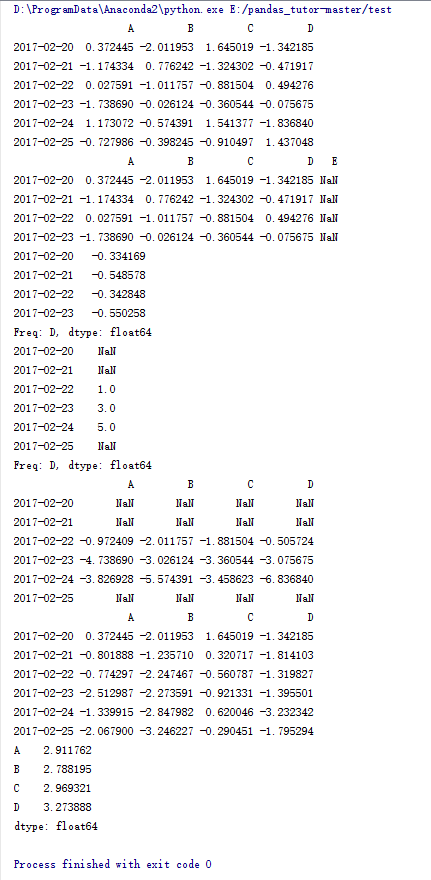




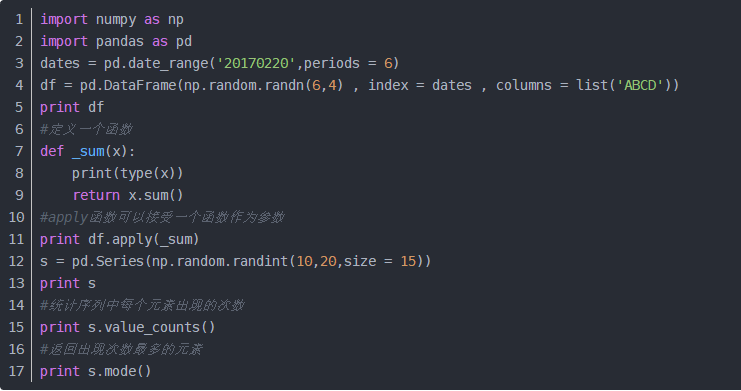
9.DataFrame的一些操作(7)

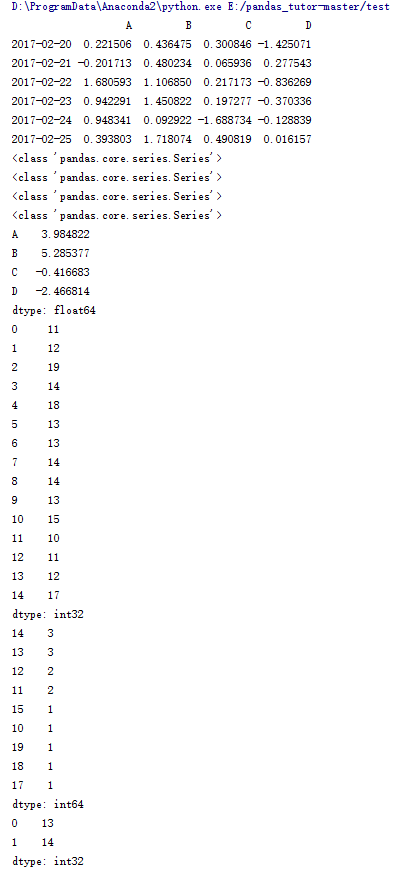




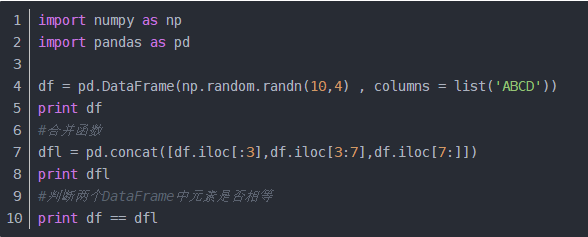
10.DataFrame的一些操作(8)  


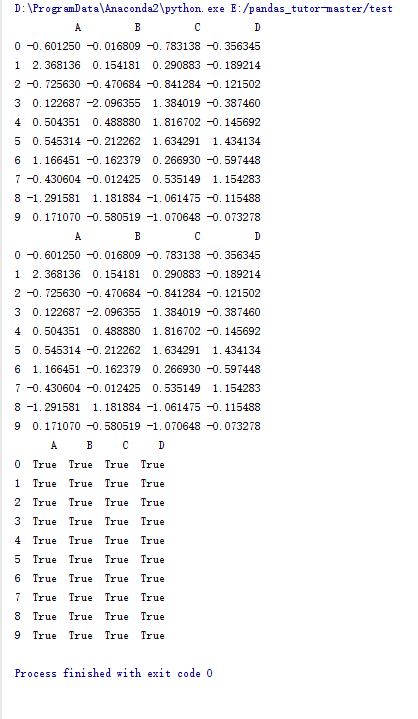
11.DataFrame的一些操作(9)



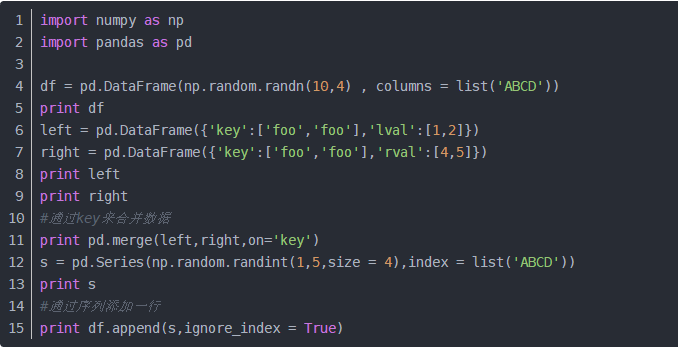


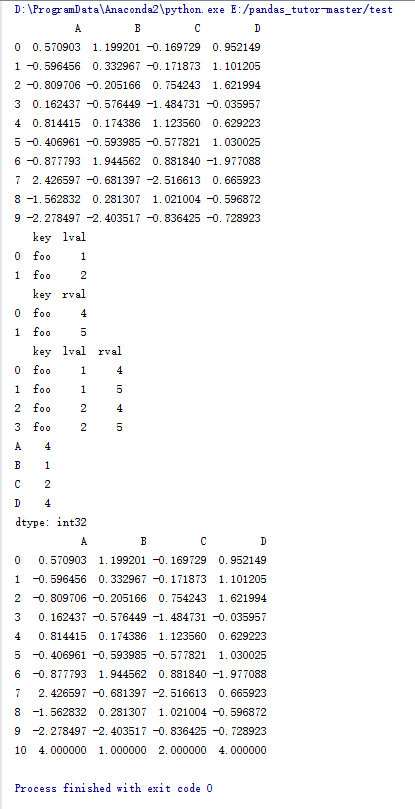
12.DataFrame的一些操作(10)



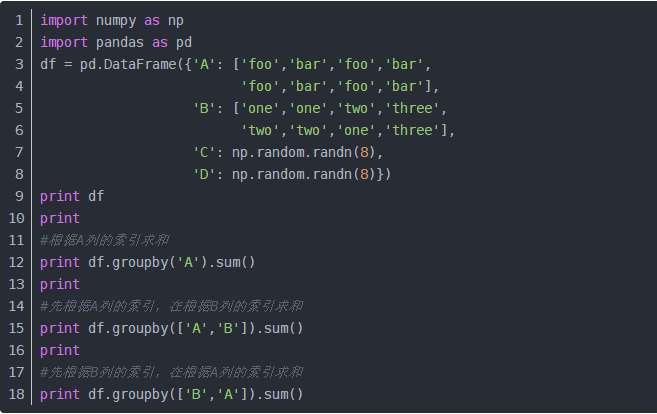


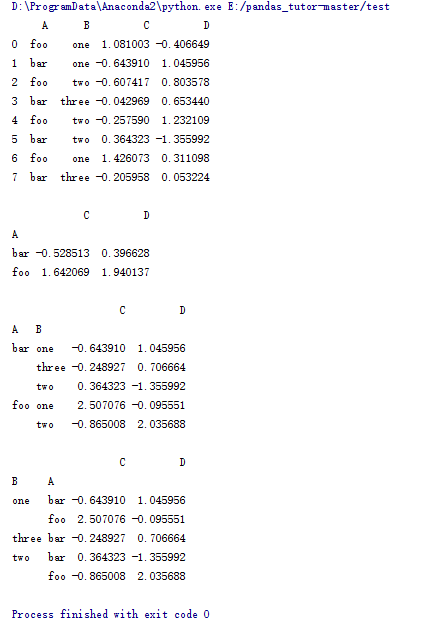
13.DataFrame的一些操作(11)



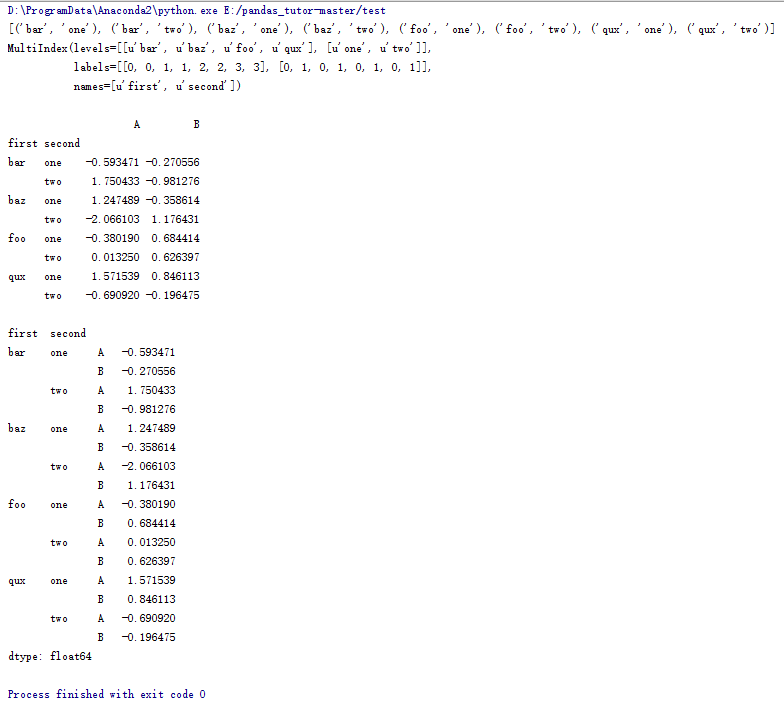
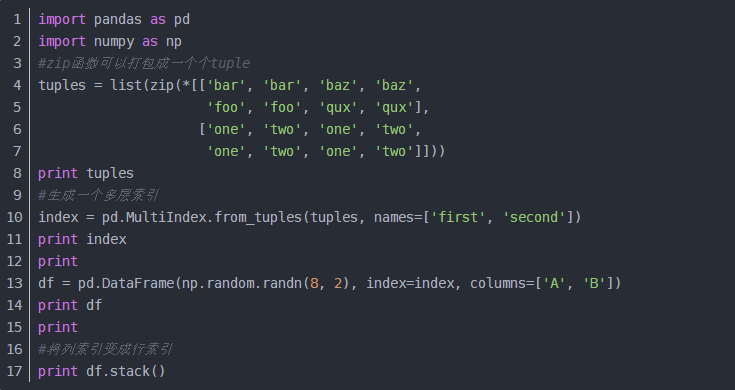


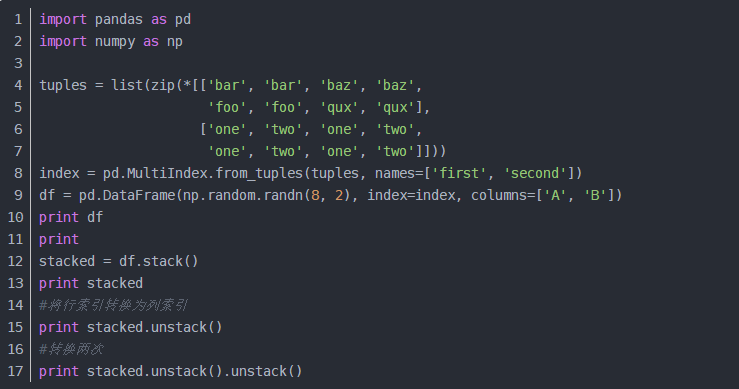
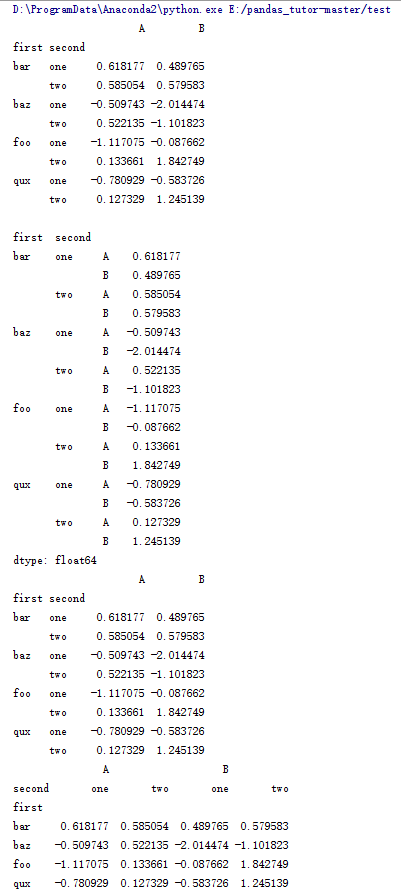
14.DataFrame的一些操作(12)



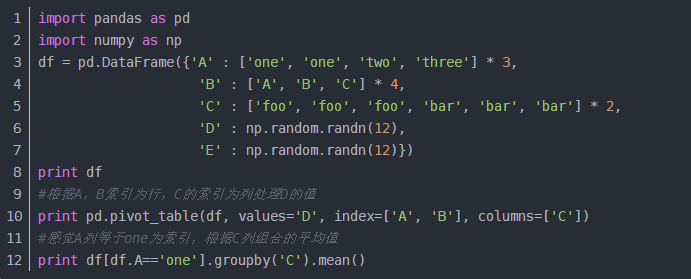


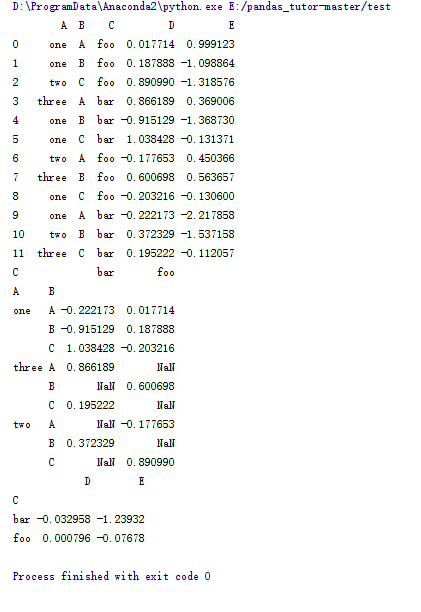
15.DataFrame的一些操作(13)



16.DataFrame的一些操作(14)  


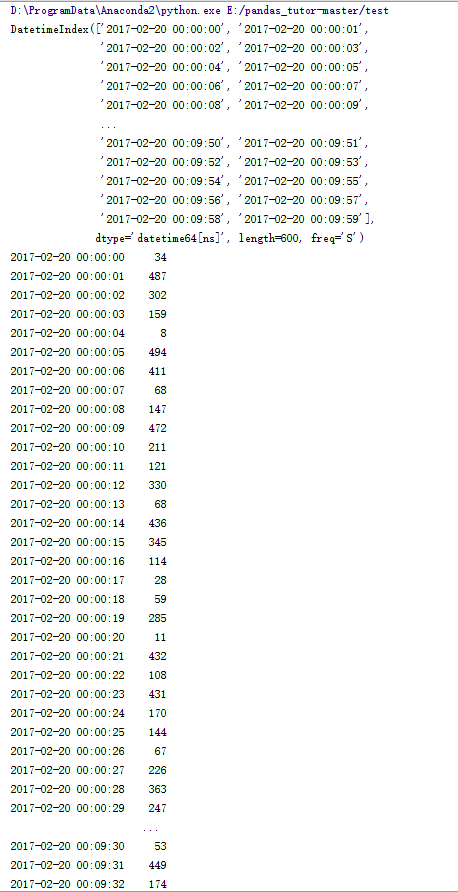
17.DataFrame的一些操作(15)



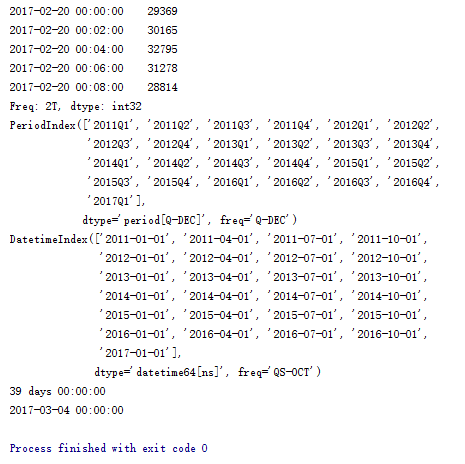
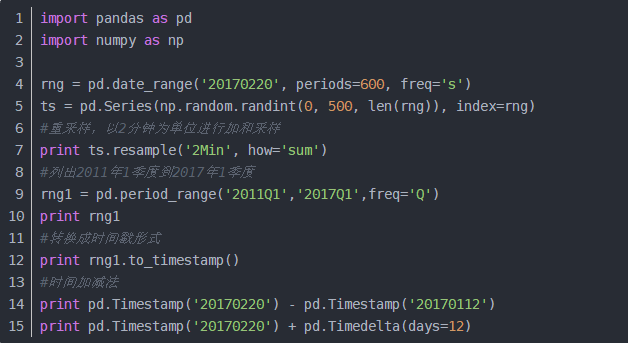


18.时间序列(1)

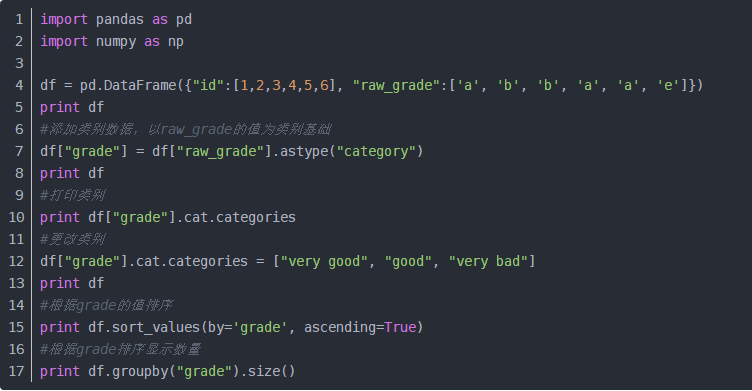
1. 

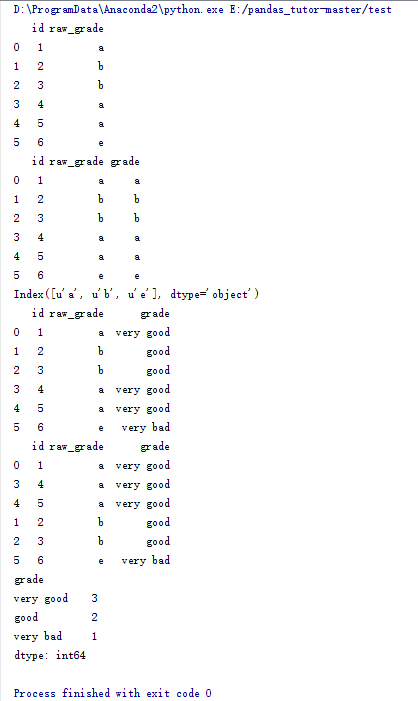


19.时间序列(2)

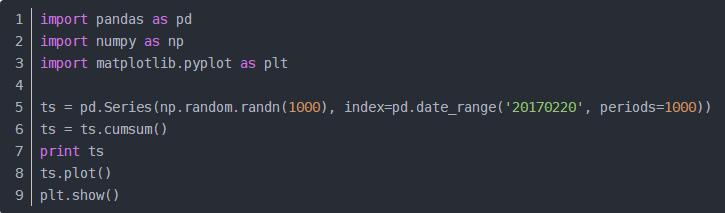
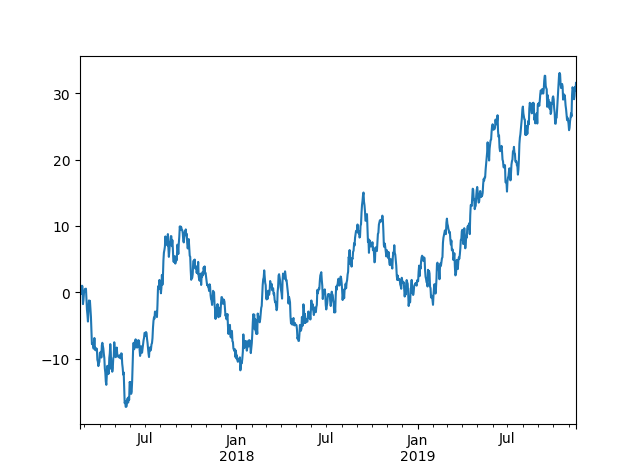


20.数据类别

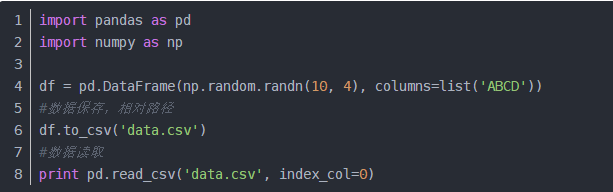
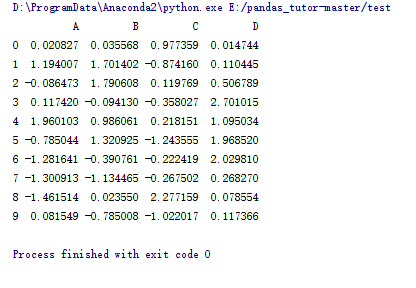




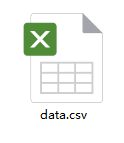
21.数据可视化

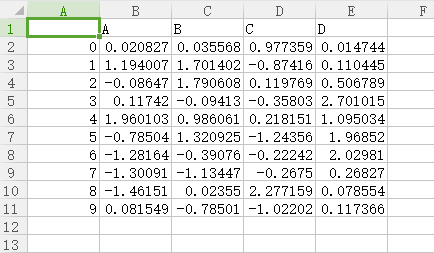
22.数据读写

数据被保存到这个文件中：



打开看看:



**是不是感觉很强大！**