实验练习06 参考答案

2. 读取文件并处理

```python
avgChinese = 0
avgMath = 0
avgEnglish = 0
stuCount = 0

with open('stuGrade.csv','r') as f:
    f.readline()   # 先跳过标题行
    for line in f:
        stuCount += 1
        line = line.strip()   # 去除每行末尾的换行符
        elements = line.split(',')
        avgChinese += int(elements[1])
        avgMath += int(elements[2])
        avgEnglish += int(elements[3])

avgChinese /= stuCount
avgMath /= stuCount
avgEnglish /= stuCount

print('Average Grade of Chinese: %.2f' % avgChinese)
print('Average Grade of Math: %.2f' % avgMath)
print('Average Grade of English: %.2f' % avgEnglish)
```

3. 写入文件

```python
import time

avgChinese = 0
avgMath = 0
avgEnglish = 0
stuCount = 0

with open('stuGrade.csv','r') as f:
    f.readline()   # 先跳过标题行
    for line in f:
        stuCount += 1
        line = line.strip()   # 去除每行末尾的换行符
        elements = line.split(',')
        avgChinese += int(elements[1])
        avgMath += int(elements[2])
        avgEnglish += int(elements[3])

avgChinese /= stuCount
avgMath /= stuCount
avgEnglish /= stuCount

with open('my.txt','w') as f:
    f.write('123456 张三\n')
```

```python
        f.write('%.2f,%.2f,%.2f\n'%(avgChinese,avgMath,avgEnglish))
        f.write(time.strftime("%Y/%m/%d %H:%M:%S",time.localtime()) + '\n')
        time.sleep(2)
        f.write(time.strftime("%Y/%m/%d %H:%M:%S",time.localtime()))
```