代码：

import numpy as np  
  
n = np.zeros((8, 8), np.int)  
for i in range(8):  
 for j in range(8):  
 n[i][j] = ((i & 1) + (j & 1)) & 1  
print(**"第一题"**)  
print(n)  
  
n = np.random.uniform(0, 1, (10, 5))  
print(**"第二题"**)  
print(n)  
  
a = np.mat([[1, 2], [3, 4]])  
b = np.mat([[4, 5], [6, 7]])  
print(**"第三题"**)  
print(a \* b)  
  
data = np.loadtxt(**"./成绩单.csv"**, dtype=np.int, delimiter=**','**)  
print(**"第四题"**)  
print(**"小于0分的分数数目："**, np.sum(data < 0))  
print(**"大于100分的分数数目："**, np.sum(data > 100))  
data[data < 0] = 0  
data[data > 100] = 100  
print(**"修正后0分的分数数目："**, np.sum(data == 0))  
print(**"修正后100分的分数数目："**, np.sum(data == 100))  
np.savetxt(**"修正后的成绩单.csv"**, data, delimiter=**','**, fmt=**'%d'**)  
print(data)

运行结果：

