from random import randint

cn\_f = open('customer\_names.csv', 'r')

pi\_f = open('product\_ids.csv', 'r')

r\_f = open('rated.csv', 'w')

r\_f.write("customerName|productId|rating\n")

productIds = []

for line in pi\_f:

productIds.append(line.rstrip('\n'))

for line in cn\_f:

customerName = line.rstrip('\n')

#skip some customers as some people will not have rated anything

if (randint(0,100) > 10):

#customers will have rated between one and ten products

for x in xrange(1, randint(1,10)):

productId = productIds[randint(0, len(productIds)-1)]

rating = str(randint(1,10))

r\_f.write(customerName + "|" + productId + "|" + rating + "\n")

cn\_f.close()

pi\_f.close()

r\_f.close()