```python
#! python

"""This program splits CIA World Factbook country data into
two groups.   The split is random, so there ought not to be any
statistical significant differences between the groups.
"""


#Get a library of random number generators:
import random

# Open the input file:
input = open("data6/country_areas2.txt", "r")

for (i,line) in enumerate(input):

        # Python reads in the "newline" character at the end of each line.
        # It's most convenient to throw it away before we do any processing:
        line = line.rstrip()

        if line.startswith('#'):
                # Drop comments
                pass
        elif i == 0:
                # Replace the first line with the variable names:
                print "i,Name,area,group"
        elif line == '':
                # The last line is empty.   We'll just eat it.
                pass
        else:
                # Split the line into three fields at a tab:
                n, name, area = line.split('\t')

                # Add the fake group information:
                group = random.random() < 0.5

                # We need to do this because the "area" field is
                # filled with spaces.   It looks pretty strange if we print
                # it directly into a comma-separated-value format.
                area = int(area)

                # Print it out:
                print "%s,%s,%d,%s" % (n, name, area, group)
```