Printcountryandratio()

Start

Open the file WorldCensusAges0-14 and store in a variable(myfile)

Create an empty list(names2)

For line in myfile

fields=line.split(“,”)

names2.append(fields[0])

result4=getRatioPop14()

result5=getRatioPop15()

result6=getRatioPop64()

Print “country”, “ Male to Female Ratio

I=0

Is i <len(names2)

No

End

I=i+1

Yes

print(names2[i].ljust(50), round(result4[i]+result5[i]+result6[i],2))

Pseudocode

!. Open the file World Census Ages0-14 and store in a variable(myfile)

2. Create an empty list called (names)

3.In a for loop, the variable line wlll be assigned each line in the file until the end.

4.The variable fields will store the whatever line is and break apart the name and population data into separate elements

5.The first element in fields which is the name of the country will be added into the names list in the same order as in the file

6.get the male female ratio of Ages 0-14 list from the getRatioPop14(). Assign to a variable(result4)

7.get the male female ratio of Ages 15-64 list from the getRatioPop15(). Assign to a variable(result5)

8.get the male female ratio of Ages 64 list from the getRatioPop64(). Assign to a variable(result6)

9.Print the words “Country” and “Male to Female Ratio”

10.The for loop that has I in the range of the length of names, will print the country and their male to female population due to this: print(names2[i].ljust(50), round(result4[i]+result5[i]+result6[i],2)). Since the I will keep going til it reaches the length of the names list and each list has the amount and are still ordered as in the list from data, he country will be paired up with it’s right male to female ratio. i will go through each index in the lists and the list that contain ratios will be added up together in each iteration. The round function will round the ratio so it won’t be a long decimal number

11. End