```python
cn = ["Canada", "Mexico", "USA"]
cc = ["Ottawa", "Mexico City", "Washington DC"]
cp = [37.6, 129.2, 327.2]
ca = [3.86, 0.76, 3.80]
var = ["country", "capital", "population", "area"]
units = ["", "", "million people", "million square miles"]

for i in range(3):
    if i == 0: p_Canada = [cn[i], cc[i], cp[i], ca[i]]
    if i == 1: p_Mexico = [cn[i], cc[i], cp[i], ca[i]]
    if i == 2: p_USA = [cn[i], cc[i], cp[i], ca[i]]

cdata = [p_Canada, p_Mexico, p_USA]

for i in cdata: i.append(round(i[2]/i[3], 2))
var.append("density")
units.append("residents per square mile")

while True:
    uq = input("What would you like to know?  ") # user query

    if "exit" in uq or "quit" in uq:
        print("Have a good day!")
        break

    if "add" in uq:

        '''
        name = input("Country name: ")
        capital = input("Capital: ")
        population = float(input("Population (in millions): "))
        area = float(input("Area (in million square miles): "))
        density = round(population/area, 2)
        new_entry = [name, capital, population, area, density]
        cdata.append(new_entry)
        continue
        '''

        # alternative (not necessarily an improvement)
        newstr = input("Enter country name, capital, population (in millions), \
                area (in million square miles) separated by comma: ")
        new = newstr.split(",")
        new[2], new[3] = float(new[2]), float(new[3])
        new.append(round(new[2]/new[3], 2))
        cdata.append(new)
        continue

    c = -1
```

```python
for i in cdata:
    if i[0] in uq or i[0].lower() in uq:
        c = cdata.index(i)
        break
if c == -1:
    print("No data for this query.")
    continue

if "delete" in uq or "remove" in uq:
    print (f"{cdata[c][0]} will be deleted from the data")
    del cdata[c]
    #cdata[c] = []
    continue

v = -1
for i in var:
    if i in uq or i.capitalize() in uq:
        v = var.index(i)
        break
if v == -1:
    print("No data for this query.")
    continue

print(f"The {var[v]} of {cdata[c][0]} is {cdata[c][v]} {units[v]}")
```