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cn = ["Canada", "Mexico", "USA"]
cc = ["Ottawa", "Mexico City", "Washington DC"]
cp = [37.6, 129.2, 327.2]
ca = [3.86, 0.76, 3.80]

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]

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 "canada" in uq or "Canada" in uq: c = 0
    elif "mexico" in uq or "Mexico" in uq: c = 1
    elif "usa" in uq or "USA" in uq: c = 2
    else:
        print("No data for this query.")
        continue

    if "capital" in uq or "Capital" in uq: v = 1
    elif "population" in uq or "people" in uq: v = 2
    elif "area" in uq or "territory" in uq: v = 3
    else:
        print("No data for this query.")
        continue

    if v == 1:
        print(f"The capital of {cdata[c][0]} is {cdata[c][1]}")
    elif v == 2:
        print(f"The population of {cdata[c][0]} is {cdata[c][2]} million")
    else:
        print(f"The area of {cdata[c][0]} is {cdata[c][3]} square miles")

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