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def celsius_to_fahrenheit(c):
    return (c * 9/5) + 32

def celsius_to_kelvin(c):
    return c + 273.15

def fahrenheit_to_celsius(f):
    return (f - 32) * 5/9

def fahrenheit_to_kelvin(f):
    return (f - 32) * 5/9 + 273.15

def kelvin_to_celsius(k):
    return k - 273.15

def kelvin_to_fahrenheit(k):
    return (k - 273.15) * 9/5 + 32

print("Temperature Converter")
print("Available Scales: Celsius, Fahrenheit, Kelvin")

from_scale = input("Enter the scale you want to convert from: ").lower()
to_scale = input("Enter the scale you want to convert to: ").lower()
temp = float(input("Enter the temperature value: "))

converted_temp = None

if from_scale == "celsius":
    if to_scale == "fahrenheit":
        converted_temp = celsius_to_fahrenheit(temp)
    elif to_scale == "kelvin":
        converted_temp = celsius_to_kelvin(temp)

elif from_scale == "fahrenheit":
    if to_scale == "celsius":
        converted_temp = fahrenheit_to_celsius(temp)
    elif to_scale == "kelvin":
        converted_temp = fahrenheit_to_kelvin(temp)

elif from_scale == "kelvin":
    if to_scale == "celsius":
        converted_temp = kelvin_to_celsius(temp)
    elif to_scale == "fahrenheit":
        converted_temp = kelvin_to_fahrenheit(temp)

if converted_temp is not None:
    print(f"{temp}° {from_scale.capitalize()} = {converted_temp:.2f}° {to_scale.capitalize()}")
else:
    print("Invalid conversion selection.")

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Temperature Converter
Available Scales: Celsius, Fahrenheit, Kelvin
Enter the scale you want to convert from: Celsius
Enter the scale you want to convert to: Kelvin
Enter the temperature value: 200
200.0° Celsius = 473.15° Kelvin

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