

Create a project called daily3 and a source file called daily3.cpp.

Create a Temperature class that internally stores a temperature in degrees Kelvin. Create functions named set_temp_kelvin, set_temp_fahrenheit, and set_temp_celsius that take an input temperature in the specified temperature scale, convert the temperature to Kelvin, and store that temperature in the class member variable. Also, create accessor functions that return the stored temperature in degrees Kelvin, Fahrenheit, or Celsius. Write a main function to test your class. Use the following equations to convert between the three temperature scales:

$$\text{Kelvin} = \text{Celsius} + 273.15$$

$$\text{Celsius} = (5.0/9) \times (\text{Fahrenheit} - 32)$$

Turn in your daily3.cpp file on Blackboard.