

The following problems are from Programming Abstractions in C++ pages 50 and 115

(<http://www-cs-faculty.stanford.edu/~eroberts/CS106BX-Reader.pdf>)

1. Write a function that accepts as parameter a temperature in degrees Celsius and displays the corresponding temperature in degrees Fahrenheit. The conversion formula is

$$F = \frac{9}{5} C + 32$$

2. Write a function that converts a distance in meters to the corresponding English distance in feet and inches. The conversion factors you need are

$$\begin{aligned} 1 \text{ inch} &= 0.0254 \text{ meters} \\ 1 \text{ foot} &= 12 \text{ inches} \end{aligned}$$

The function must produce both the number of feet and the number of inches, which means that you need to use call by reference to return these values.