Sample Problem

Author: Chul Min Yeum
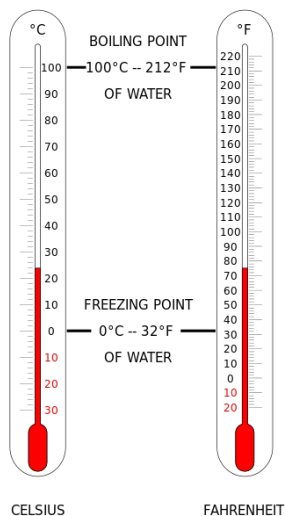
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Problem Definition

Two commonly used scales for measuring temperature are _Fahrenheit_ and _Celsius_. In this problem, your will convert temperature in degrees Fahrenheit to degrees Celsius. Recall that Fahrenheit (T_F) and Celsius (T_C) are related by the following equation:

$$T_C = (T_F - 32)/1.8$$

$$T_F = (T_C \times 1.8) + 32$$

The image is downloaded on the following website.

Your Code

```
% convert Fahrenheit to Celsius
temp_f = 30; % temperature in Fahrenheit degree
temp_c = (temp_f-32)/1.8;

temp_c
```

```
 temp_c = -1.1111
```

```
temp_f = (temp_c * 1.8) + 32; % temperarue in Celcius degree

temp_f
```

```
temp_f = 30
```