

File: main.cpp  
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Purpose: Write a function  
named celsius that accepts  
a Fahrenheit temperature as  
an argument.

using namespace std

float celsius(float fahrenheit)

float celsius

calculation from fahrenheit  
to celsius

celsius = 5 (fahrenheit - 32) / 9

celsius

system("pause")

0

int main()

int tempCount=20

displays temperatures from 1  
to 20

cout<<setw(20)<<"fahrenheit"<<setw(20)<<"celsius"<<endl

int count = 1

count <= tempCount

False

True

display for the numbers

cout<<setw(20)<<count<<setw(20)<<celsius(count)<<endl

for loop that displays that  
runs to create the 20  
temperatures

count++

