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#define _CRT_SECURE_NO_WARNINGS
#include <stdio.h>

/* Title: Fahrenheit to Kelvin
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Date: 02/13/2020
Description: Temperature in degrees Fahrenheit to the Kelvin
scale.
*/

void displayResults(double f, double kelvin);
double kelvinToFah(double f);

int main(void)
{
//Variable Declarations

    double f = 0;
    double kelvin = 0;

//Asking the user nicely for some input

    printf("What's the tempature in Fahrenheit? Please and thank
you.\n");
    scanf("%lf", &f);

//Calculating Fahrenheit(F) to Kelvin

    kelvin = kelvinToFah(f);

//Results

    displayResults(f, kelvin);

    return(0);
}

//function to print resluts
void displayResults(double f, double kelvin)
{
    printf("%f in Fahrenheit is %f in Kelvin", f, kelvin);
}

//function to calculate fah to kelvin
double kelvinToFah(double f)
{
    double kelvin = 0.0;
    kelvin = ((f - 32) * (5 / (double)9)) + 273.15;

    return(kelvin);
}

```