possible errors:

character not for c
if not, then return -1000

if input float is invalid (less than -273.0 or -F)
return -1000

if char = c
convert Ftemp to Ctemp return
else convert Ctemp to Ftemp

return temp
Slide 49:
Class average
Compute class average of exactly 10 students

Objective
Design a function →
Input: float & character (c or f)
Output: float
Purpose: convert the input number to celsius or fahrenheit. Assume input is the other. If the char is c, then fahrenheit is the input number. Output the temp in °C.

From the student examples:
* Some did code
* Some did error detection
* No one did everything
; Grade Calculator
; Purpose:
; This algorithm calculates the average
; of 10 grades.

float tempConvert(float input, char convType) {
    float output;
    if (convType == 'C')
        output = (input - 32) * 5/9;
    else if (convType == 'F')
        output = input * 9/5 + 32;
    else
        printf("invalid conversion type.");
    return output;
}
float Convert_temp(float, char) {
    if input character equals c then
        convert float number to fahrenheit
    else if input character is f then
        convert float number to celsius
    else input invalid for character
    float stays the same
    return new float value
// Temperature Converter (float, char)
// a temperature of type float will be inserted
// into the call function and dependent upon the
// char choice (c-or-f) celsius or fahrenheit
// will be returned

if the char is 'c' then
    return conversion of float to celsius
if the char is 'f' then
    return conversion of float to fahrenheit