Lab Two

ID1063: Introduction to Programming

1. Read float-example1.c and modify it as given in the comments in the file.
2. Accept a temperature value in Celsius from the user and convert it to Fahrenheit.
3. Read complex-example1.c and modify it by declaring another complex variable with some values, multiply them and print the real and complex parts.
4. Read maxTwo.c and write a program to accept three floating point numbers a,b,c and check if the equation $ax^2 + bx + c = 0$ has (i) both roots real, (ii) both roots imaginary, or (iii) repeated roots. *Optional:* Print the roots by including math.h and calling the sqrt function.
5. Read isitZ.c and modify it so that it can recognize both Z(upper-case) and z (lower-case).
6. **Optional:** Print a question with four choices and ask the user for the correct choice. Print a message that they were correct or wrong, as the case may be.