This assignment requires you to create a program which will convert temperature data entered by a user.

A program which compiles and executes is required in order to pass this assignment. If the program does not compile or execute, your assignment will not be given a pass mark.

The program you create needs to allow user input in the form of degrees Celsius. This will then be converted to degrees Fahrenheit and both values will be returned to the user. You should use multiple methods, branching (if and else-if statements), and should require user input (Scanner).

You are encouraged to add additional features as marks will be awarded for creativity. Some suggested additional features include a swing window, graphics, fictional location information, or an option to re-enter data before exit. Data can be displayed in the form of a table or in list format.

You are required to add comments to your code to explain your method and the aims of your program. Layout is important and use of proper indentation is vital. Appropriate naming of variables, structured code and a well-written program are requirements of a good grade.

You should include a document with your assignment detailing the errors you might have encountered, along with some screenshots to show your working program.

This program must be submitted both physically and electronically. You will need to submit an electronic copy of your “.java” file (via the MS Teams Assignment tab), a cover sheet, and the documentation below. Assignments may not be submitted in any other fashion.