Artyom Martirosyan id 1682917 10/5/2019 Design.pdf Assignment 1



Started off by implementing the basic format of the lab (i.e #include stdio as well as int main(void)).

Made headers Had a print line which printed Created the variables

Made each variable(float

name) and set them all to

zero except max(max=200).

each different temperature name as well as another printf in the next line which would create lines below it(note need 3 spaces

between each name)

Created a loop which started off

at 0 degrees Celsius and went on until Celsius equaled max(200). loop do the calculations for each

Created a while

conversion then it would print out each value in list format until(add 10 to Celsius after each print). (Note- in order to print out only a

limited amount of numbers use %6.2f the 6 being maximim numbers before the decimal place the 2 being maximum numbers after the decimal place

logic for each conversion

- Kelvin = Celsius + 273.15
 Fahrenheit = 9/5(Celsius)+32
 Rankine = 9/5(Celsius)+491.67
- Delisle = 3/2(1-Celsius)
 - Reaumur = 4/5(Celsius)
 - Romer = 21/40(Celsius) +7.5