**CS240 Programming In C**

Homework 1

Operations in C

100 pts

Due Feb. 20 11:59 pm

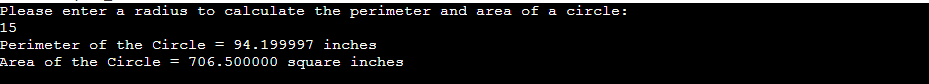
(30 pts.) Please write a program(Q1.c) where you convert a specified number of days into years and months. An example is shown below:

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Your program will take a user input of a number of days, and print out the corresponding number of years, weeks and days. In this example shown, I specified 1732 days and after running the program I get the result that 1732 days is 4 years, 38 weeks, and 6 days (Assuming there are 365 days in a year).

(30 pts.) Please write a program(Q2.c) where the user will enter a radius value and based on that radius value, your program will calculate the perimeter and area of a circle. For pi please use pi=3.14. An example output is shown below:



(40 pts.) Please write a program (Q3.c) where the user will enter 3 numbers and find the maximum value of these numbers. An example output is shown below:

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Please submit the following to the CS Unix Server

* Please make a directory under cs240 titled Hw1
* Please submit 3 .c files to your Hw1 directory Q1.c,Q2.c,Q3.c
* A makefile to compile all of your programs
* A readme detailing your solutions and the approach you took

Please note all .c files should have a header like this:  
  
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**Please note that if your code does not compile with the command make you will automatically incur a 50 point deduction and your code will be graded from there. Please thoroughly test all of your codes before submission. Please do not run or compile your code after the submission deadline. Running or compiling the code after the deadline may result in a zero for your assignment**