

Lab 1 - Csci 1113

For labs, you can start working whenever you arrive. Raise your hand when you have think you have completed a part and a TA will come over and check you off if it is done correctly. You can also raise your hand if you have any questions along the way.

Warm-Up

(1) Write a C++ program that prints out what is shown in the example below (note the double-space gap between the sentences).

Example output:

I am done with the warmup

Check me off!

Stretch

(1) Start a main() with the following code:

```
int main()
{
    int x=2;
}
```

Then modify the code to print the value 5. However, you **cannot use any numbers** other than the single line above (“int x=2”). You may use other variables if you wish (like “int y=x”), but **no constant numbers**.

Example output:

5

Workout

(1) Download kittyCode.cpp on the class website. When you run the program you should be able to enter a number. The program is **supposed** to convert from Fahrenheit to Celsius. Fix the code to do the conversion correctly. Please do not write the program from scratch, though this would probably be easier than fixing the code. (You do not need to keep it in the shape of a cat.) (Also, please never write code like this...)

Example #1 (user input is bold (i.e. what you type))

0

0F=-17.7778C

Example #2 (user input is bold)

-40

-40F=-40C

Example #3 (user input is bold)

32

32F=0C