

# CS1023 Lab 5: Intro to C

February 3, 2011

1. Open lcc and create a new file. Use the following as a template for your code:

```
#include <stdio.h>
#include "simpio.h"

int main()
{
    printf("Hello World");

    return 0;
}
```

2. Write the “hello world” program in a file *yourname.c*. Add it to a project Lab5.
3. Remember to link the cslib.lib file.
4. Once you have hello world compiled and running correctly, edit your code to solve the following problem.

- You should prompt the user for his name.
- You should then echo a message to the user including his name.
- You should then ask for a number of meters. (use a double data type for this).
- Your program should then convert the number of meters, just obtained from the user, to feet and inches. These conversions will be useful:

```
1 inch = 0.254 meters
1 foot = 12 inches
```

You should make use of the remainder operator (%) and integer division to solve this problem.