

CES-520 Embedded Systems
Fall 2006 – Lab #2

Assigned: September 5, 2006
Due: September 12, 2006

Lab: “Hello World...”

1. Write a program for the Rabbit 3000 that prints “Hello World”.
2. Enhance the program to print out the sizes of the following data types: char, int, short, long, float.
3. Learn how the Dynamic C “lib” files are structured.
4. Write a “types.lib” file that defines the following signed and unsigned integers: u_int8, s_int16, u_int16, s_int32, u_int32.
5. Enhance the program to print out the sizes of the newly defined types.

Turn in electronic or paper copies of your final program, library file, and program output.