Homework #5 Libraries and Marshalling Due In Lab, October 1, 2003

Name:

Grade: ____/10

Libraries

Lab Time:

Some of the questions below ask you to explain a reason for something. You may use the examples given in lecture, or you may make up your own. However, you must *explain* the reason in a few sentences.

1. Explain one reason for re-using code. (2 pts.)

- 2. Explain one reason for using source code as the mechanism for re-use. (2 pts.)
- 3. Explain one reason for using object code as the mechanism for re-use. (2 pts.)

Marshalling

4. What is meant by the term "marshalling?" (2 pts.)

ar and g++

- 5. What is the advantage of using a single .a file instead of a bunch of .o files? (1 pt.)
- 6. Why does the compiler need the original .h files when linking with libraries? (1 pt.)