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# CS2400

**Answer Sheet for Laboratory Assignment #14**

**(90 pts.)**

**Turn this sheet to your TA at the end of the laboratory for grading.**

1. (5 pts) What is the error message?

Text

Description automatically generated

1. (5 pts) What do you have to do to correct the problem?

I had to move the const from the output function to the getter function. Then I had to remove the input function use from inside the getter as it has no point being there.

1. (5 pts) Print out the source code and attach it to the answer sheet.

Text

Description automatically generated

* The code attached as Lab14(Q3).cc

1. (15 pts) overload the **>** operator as a friend function of the class my\_int

* The code attached as Lab14(Q4).cc

5.(40 pts) You are defining an ADT as a class. Your intent is to use this ADT in a program. Which of the following parts go into the ADT **interface file**, the ADT **implementation file**, or the **application file**. Write your answer.

1. the class definition

Interface file.

1. the declaration(prototype) of a function to serve as an ADT operation and is neither a friend nor a member of the class

Interface file.

1. the declaration (prototype) of an overloaded operator that is to serve as an ADT operation and is neither a friend nor a member of the class.

Interface file.

1. the definition of a function that is to serve as an ADT operation, and is neither a friend nor a member of the class.

Implementation file.

1. the definition of a friend function that is to serve as an ADT operation.

Implementation file.

1. the definition of a member function

Implementation file.

1. the definition of an overloaded operator that is to serve as an ADT operation and is a friend.

Implementation file.

1. the main part (function) of your program.

Application file.

6.(5 pts.) After separating what file was created when the command

g++ -c –Wall my\_int.cc was executed?

Answer: my\_int.o

1. (10 pts) Correct makefile

* Included as makefile.txt

1. (5 pts) Submit all four files (all .cc .h files and the makefile) to lab13 on Blackboard.