

COMPUATIONAL PHYSICS
PHZ 4151/5156

Homework 4

Due in class, Tuesday, February 12.

(1) Read all of Chapter 7

(2) Assignments from chapter 7.9: “C++ *object-oriented programming syntax*”

Do Part I, (1) – (11)

Give the output of the code if the program will function properly. If there is an error or if a potential error condition, such as an overflow, underflow, incorrect memory access, etc., arises, so that the program result or runtime state is unpredictable, indicate instead where the error is and what type of error has been made. Assume **#include <iostream.h>** is entered as the first line of each program. Some programs may contain more than one error.