

COMPUATIONAL PHYSICS
PHZ 4151C/5156C

Homework 5

Due in class, Tuesday, February 19.

(1) Read all of Chapter 8

(2) Assignments from chapter 8.10: “*Control logic and iteration*”

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, infinite loop, 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.