PHYSICS 222 – Spring 2003 3RD Lab Assign.

Lab # 12

You are responsible for the PRE-LAB #12.

Complete as included in Laboratory Manual.

LAB # 12 Changes POSTED in Room 83 and on Court Area Notice Board.

Pre-Lab requires the completion of:
(1) pages 1-6: Questions
(2) pages 7-20: QBASIC WORKBOOK
NOTES:
[1] This is a long and interesting lab {DUE 1 week after lab time}
(A) Grade is 20 points total.
(B) Bring completed parts of Pre-Lab.
   (1) pages 1-6 Questions
   (2) pages 7-20 QUICK BASIC 4.5 {QBASIC}
       Workbook
(a) Using Computer – Do ALL tasks and answer
    questions – Write short BASIC code
    responses.
(b) Write and RUN all short programs and
    Programming exercises.
(c) For each program written: Need (i) Listing,
    (ii) Sample Runs and (iii) Disk Copy of
    BASIC Program {3 ½" DISK} – with printed
    Directory.

[2] Students must start from the DOS C:> Prompt by typing QB,
   {not QBASIC} to start software. QB will start the full version of
   QuickBasic, with the instrument and computer library of routines
   not part of the normal BASIC command structure.
   • SEE: explicit instructions on page 10, for starting QuickBasic
     in Lab 12 – ignoring these will lead to unexplainable problems.
   NOTE: QuickBasic 4.5 must be running in the DOS window.
Exercise:
Page:
Filename: FORM#1
Date:

Comments

Program:

Suggested FORM - Headline for Program Listings
**Most Common Errors**

Opening the "GPIB φ" - General Purpose Interface Board # φ

7φ1φ Open "GPIB φ" for Output as #1

7φ2φ Open "GPIB φ" for Input as #2

Output as #1 and Input as #2