Submitting Programming Assignments

• Submission:
  – Submit only the source code, not the executable
  – Programs will be submitted via email to phy277@mail.astro.sunysb.edu using the Un*x mail command (do not submit the program as an attachment)
  – Example (what you type is in blue, prompt is in black, output is in red):
    ```
    > mail phy277@mail.astro.sunysb.edu
    Subject: program # 1
    ~r position.f90
    "position.f90" 20/415
    .
    Cc:
    >
    ```
• Practice submitting by emailing program to yourself!
• If you have doubts see the instructor or course TA
Rules for ALL Programming Assignments

• Write the program yourself!
  – Assignments are not team efforts. All work must be done only by you alone.
  – Be prepared to verbally defend your work so that you can prove that it is yours!
  – Any instances in which plagiarism is suspected will be turned over to the academic judiciary
  – Protect your directory by issuing the command “chmod og-rwx .” in your home directory. This will prevent others from reading or copying your work. If you have any doubts about this step see the instructor or course TA

• All programs must contain the IMPLICIT NONE statement
  – Those that do not we receive a zero grade

• All programs must contain a block of comment statements in the beginning that explicitly states:
  – Your name
  – Programming assignment #
  – Purpose of the program
  – Date
  – Any other information that you think should be there (see examples in notes & textbook for inspiration!)
Programming Assignment #7

• Due 5:00PM 11/09/2007

• Problem 7.1: Exercise 6-17 of Chapman. You will need to create the program described in Exercise 6-16 of Chapman.

• Problem 7.2: Exercise 6-19 of Chapman

• Problem 7.3: Write a subroutine to calculate the cross product of two vectors, \( \mathbf{u} \) and \( \mathbf{v} \), and which returns the cross product \( \mathbf{u} \times \mathbf{v} \). Submit the subroutine, along with a program that uses it to calculate a cross product, in a single file.