

Computer Programming: Basic I

GameBoard: Module 4 Game Skills 1
Assignment: 4.06

Points: 10
Time: 30 min

Problem Definition: There is just something missing in the output of the *planets.bas* program. What could it be? Oh, yes...the diameter of each planet! Your task is a fairly simple one. Just modify the corrected *planets.bas* program to include a column for the diameter.

Specific Considerations: Did you test and de-bug the *planets.bas* program? If not, you must go back and fix up the program before you can proceed any further. Be sure to add a column heading that says Diameter (miles) and use **PRINT USING** to print out the data in a neat format. The diameter should also include a comma in the proper place.

Flowchart: No flowchart is required for this assignment.

Check Your Understanding: It is important to learn to methodically de-bug programs when errors occur. Learn to use the error messages generated to pinpoint the problems. **PRINT USING** is an important formatting technique. Be sure you understand how to force commas to appear in numbers. There is a frequent problem associated with **PRINT USING** that you should learn to immediately recognize. If you do not put in enough number symbols (#) to hold the place of the largest number to be printed, your data will print out with a percentage sign (%) next to it. This is always a clue that you need to add more #s to the format definition.

Grading Rubric: This assignment is worth 10 points and will be graded according to the following rubric.

- Required statements used: 2 out of 2 points
- Errors detected and fixed: 2 out of 2 points
- Required material included: 2 out of 2 points
- Program ran properly: 2 out of 2 points
- Proper output: 2 out of 2 points

Submission Instructions: Save the program as *planets.bas* and submit the file through the In Box as **Assignment 04.06**.