**Gradebook**

**(creating a database-using structs)**

**Program Description: Write a program that will create a classroom database that will allow the user to enter the number of students in the class, and each student’s name, gradelevel, and 5 test scores. The program then will find each student’s numerical average, lettergrade, and g.p.a. on a 4.0 scale. The program will then display info in a spreadsheet format.**

**Required Statements**: input, loop control, decision making

**Sample output:**

Enter name of class: Comp Prog III

Enter # of students: 3

Enter name of #1 student:: Bob Bobson

Enter gradelevel(9, 10, 11, or 12): 9

Enter test scores (ex.-70 80 90 100 60): 60 70 80 90 100

Enter name of #2 student: Joe Henry

Enter gradelevel(9, 10, 11, or 12): 11

Enter test scores (ex.-70 80 90 100 60): 50 60 70 80 90

Enter name of #2 student:: Carl McVee

Enter gradelevel(9, 10, 11, or 12): 10

Enter test scores (ex.-70 80 90 100 60): 50 60 70 60 50

Show Data(y/n)? y

Name: Comp Prog III

# of students: 3

Name Grade Test#1 Test#2 Test#3 Test#4 Test#5 Avg Letter G.P.A.

Bob Bobson 9 60 70 80 90 100 80 B- 2.7

Joe Henry 11 50 60 70 80 90 70 C- 1.7

Carl McVee 10 50 60 70 60 50 60 D- 0.7