

Lab Goal : This lab was designed to teach you more about arrays of references.

Lab Description : You will create a GradeBookRunner that will use keyboard input to read in all values for a class of students. This runner will generate the output shown below.

Sample Input(GradeBookRunner.java) :

See the main of GradeBookRunner.java

Sample Output :

Welcome to the Class Stats program!

Enter the class name : comp sci

Enter the number of students : 4

Enter a student name : freddy

Enter the number of grades : 2

Enter a grade : 100

Enter a grade : 90

Enter a student name : sam

Enter the number of grades : 3

Enter a grade : 9

Enter a grade : 12.5

Enter a grade : 100

Enter a student name : ben

Enter the number of grades : 2

Enter a grade : 55.5

Enter a grade : 90

Enter a student name : willy

Enter the number of grades : 5

Enter a grade : 5

Enter a grade : 10

Enter a grade : 15

Enter a grade : 90

Enter a grade : 33.6

Files Needed ::

All files plus

GradeBookRunner.java

comp sci

freddy = 100.0 A 90.0 A 95.00

sam = 9.0 F 12.5 F 100.0 A 40.50

ben = 55.5 F 90.0 A 72.75

willy = 5.0 F 10.0 F 15.0 F 90.0 A 33.6 F 30.72

Failure List = sam willy

Highest Average = freddy

Lowest Average = willy

Class average = 59.7425