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

Lab Description :   You will create a Grades class to store grades. Then, you will create a Student class to store student name and grade information.   Also, you will create a Class class to store class information.   A Class will contain an array of Student and a class name.

Sample Input(GradeBookRunner.java) :
```
See the main of GradeBookRunner.java
```

<div style="float:right; border:1px solid green;">

Files Needed ::
Grades.java
GradesTester.java
Student.java
StudentTester.java
Class.java
ClassTester.java
GradeBookRunner.java

</div>

Sample Output :
```
Welcome to the Class Stats program!


What is the name of this class? AP Computer Science AB


How many students are in this class? 5


Enter the name of student 1 : Hardly Surviving
Enter the grades for Hardly Surviving
Use the format x - grades ( 2 - 100 100) : 3 - 70.2 65.3 45.1


Enter the name of student 2 : Sammy Morgan
Enter the grades for Sammy Morgan
Use the format x - grades ( 2 - 100 100) : 4 - 100 100 100 100


Enter the name of student 3 : Ben Jamin
Enter the grades for Ben Jamin
Use the format x - grades ( 2 - 100 100) : 3 - 95.1 99.2 86.4


Enter the name of student 4 : Sally Brainbaum
Enter the grades for Sally Brainbaum
Use the format x - grades ( 2 - 100 100) : 5 - 100 100 100 100 99


Enter the name of student 5 : Shude Studymore
Enter the grades for Shude Studymore
Use the format x - grades ( 2 - 100 100) : 4 - 76 81.6 79.2 88.8


AP Computer Science AB
Hardly Surviving = 70.2 65.3 45.1        60.20
Sammy Morgan = 100.0 100.0 100.0 100.0  100.00
Ben Jamin = 95.1 99.2 86.4        93.57
Sally Brainbaum = 100.0 100.0 100.0 100.0 99.0   99.80
Shude Studymore = 76.0 81.6 79.2 88.8    81.40

Failure List = Hardly Surviving
Highest Average = Sammy Morgan
Lowest Average = Hardly Surviving
```

```
Class average = 86.99333333333334
```