

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

Lab Description : You will create a Student class that will store student grade information. The Student class will house the student's name and all grades. You must use the methods from the Grades class to write the methods for the Student class.

Class Student :

```
public class Student
{
    private String myName;
    private Grades myGrades;

    //constructors

    public void setName(String name){

    }

    public void setGrade(int spot, double grade){

    }

    public int getNumGrades(){
        return 0;
    }

    public double getSum(){
        return 0;
    }

    public double getAverage(){
        return 0;
    }

    public double getAverageMinusLow(){
        return 0;
    }

    public double getHighGrade(){
        return 0;
    }

    public double getLowGrade(){
        return 0;
    }
}
```

Files Needed ::

Grades.java
GradesRunner.java
Student.java
StudentRunner.java

Sample Input(StudentRunner.java) :

"Billy Bob", 90 85 95.5 77.5 88
 "Sally Sue", 100 100 99

Sample Output :

Billy Bob = 90.0 A 85.0 B 95.5 A 77.5 C 88.0 B
 sum = 436.0
 average = 87.2
 average - low = 89.625
 low grade = 77.5
 high grade = 95.5

Sally Sue = 100.0 A 100.0 A 99.0 A
 sum = 299.0
 average = 99.66666666666667
 average - low = 100.0
 low grade = 99.0
 high grade = 100.0