

```

/**
 * Dominguez
 */
import java.util.*;
public class Driver
{
    public static void main( String args[] )
    {
        String fileName = "studentData.txt";
        FileInput in = new FileInput( fileName );
        String firstName, lastName, fullName;
        int gradeLevel;
        double gpa;
        ArrayList<Student> students = new ArrayList<Student>();
        int k = 0;
        if( in.fileFound() )
        {
            try
            {
                while ( !in.eof() )
                {
                    firstName = in.readWord();
                    lastName = in.readWord();
                    fullName = firstName + " " + lastName;
                    gradeLevel = in.readInt();
                    gpa = in.readDouble();
                    Student dude = new Student( fullName, gradeLevel, gpa );
                    students.add( dude );
                    Student baboo = students.get(k);
                    System.out.println( "Name read ==> " + baboo.getName() );
                    System.out.println( "Grade Level read ==> " +
                        baboo.getGradeLevel() );
                    System.out.println( "GPA read ==> " + baboo.getGPA() );
                    for( int j = 1; j <= 50; j++ ) System.out.print("-");
                    System.out.print("\n");
                    k++;
                }
            }catch(Exception i)
            {}
        }
        in.close();
        System.out.println();
        System.out.printf( "%13s %5.2f", "Average GPA: ", average( students ) );
    }

    public static double average( ArrayList<Student> group )
    {
        double sum = 0, mean;
        for( int k = 0; k < group.size(); k++ )
        {
            Student rambo = group.get(k);
            sum += rambo.getGPA();
        }
        return sum/group.size();
    }
}

```

```

public class Student
{
    private String name;
    private double gpa;
    private int gradeLevel;
    public Student(String n, int y, double gp)
    {
        name = n;
        gradeLevel = y;
        gpa = gp;
    }

    public String getName()
    { return name; }

    public int getGradeLevel()
    { return gradeLevel; }

    public double getGPA()
    { return gpa; }
}

```

OUTPUT

```

Name read ==> Carlos Tevez
Grade Level read ==> 11
GPA read ==> 2.4
-----
Name read ==> Fernando Torres
Grade Level read ==> 10
GPA read ==> 3.6
-----
Name read ==> Didier Drogba
Grade Level read ==> 9
GPA read ==> 2.7
-----
Name read ==> Peter Crouch
Grade Level read ==> 11
GPA read ==> 3.1
-----
Name read ==> Andres Guardado
Grade Level read ==> 12
GPA read ==> 3.5
-----
Name read ==> David James
Grade Level read ==> 12
GPA read ==> 1.9
-----
Name read ==> Milan Baros
Grade Level read ==> 12
GPA read ==> 3.2
-----
Name read ==> Joe Cole
Grade Level read ==> 11
GPA read ==> 2.5
-----
Name read ==> Frank Lampard
Grade Level read ==> 10
GPA read ==> 3.8
-----

Average GPA: 2.97

```

“studentData.txt”

Carlos Tevez	11	2.4
Fernando Torres	10	3.6
Didier Drogba	9	2.7
Peter Crouch	11	3.1
Andres Guardado	12	3.5
David James	12	1.9
Milan Baros	12	3.2
Joe Cole	11	2.5
Frank Lampard	10	3.8