

## SourceCode

```
package groupact5;
import java.util.Scanner;
/**
 *
 * @author albert michael ludick
 */
public class Studentcredits {
    private String studentName;
    private double studentGradePointAverage;
    private double bookStoreCredits;
    /**
     * this method set the student name field
     */
    public void setStudentName() {
        System.out.println("what is your name");
        Scanner reader = new Scanner(System.in);
        studentName = reader.nextLine();
    }
    /**
     * this method set the student grade point average
     */
    public void setstudentGradePointAverage() {
        System.out.println("what is your Student grade Point average");
        Scanner reader = new Scanner(System.in);
        studentGradePointAverage = reader.nextDouble();
    }
    /**
     * this method calculate the bookstore credit
     * and displays the student name and grade point average and
     * bookstore credits
     * @param name
     * @param studentGradePointAverage
     */
    public void CalculateBoekStoreCreditsAndDisplay(String name
        ,double studentGradePointAverage) {
        bookStoreCredits = studentGradePointAverage*10;
        System.out.println("this is the student "+name
            +" and the Grade Point Average "
            +studentGradePointAverage
            +" and this is his bookstore average R"
            +bookStoreCredits);
    }
}
```

```

    */
    public void CalculateBoekStoreCreditsAndDisplay(String name
                                                    ,double studentGradePointAverage) {
        boekStoreCredits = studentGradePointAverage*10;
        System.out.println("this is the student "+name
                           +" and the Grade Point Average "
                           +studentGradePointAverage
                           +" and this is his bookstore average R"
                           +boekStoreCredits);
    }

    /**
     * @return the studentName
     */
    public String getStudentName() {
        return studentName;
    }

    /**
     * @return the studentGradePointAverage
     */
    public double getStudentGradePointAverage() {
        return studentGradePointAverage;
    }
}

```

```

    */
    package groupact5;

    /**
     *
     * @author albert michael ludick
     */
    public class GroupAct5Qeustion1 {

        /**
         * @param args the command line arguments
         */
        public static void main(String[] args) {
            // TODO code application logic here
            Studentcredits newStudentcredits =new Studentcredits();
            newStudentcredits.setStudentName();
            newStudentcredits.setstudentGradePointAverage();
            newStudentcredits.CalculateBoekStoreCreditsAndDisplay(
                newStudentcredits.getStudentName()
                ,newStudentcredits.getStudentGradePointAverage());
        }
    }
}

```

## Output

Build 1

```
what is your name
michael
```

Build 2

```
what is your name
michael
what is your Student grade Point average
12
```

```
what is your name
michael
what is your Student grade Point average
12
this is the student michael and the Grade Point Average 12.0 and this is his bookstore average R120.0
BUILD SUCCESSFUL (total time: 4 seconds)
```