STUDENT GRADE CALCULATOR

```java
package internii;
import java.util.Scanner;
public class Studentgradecalculaor {

        public static void main(String[] args) {
  Scanner in = new Scanner(System.in);
  System.out.println("Enter the marks of five subjects:\n");

        // Storing the values of five subjects
  float sub_1 = in.nextFloat();
  float sub_2 = in.nextFloat();
  float sub_3 = in.nextFloat();
  float sub_4 = in.nextFloat();
  float sub_5 = in.nextFloat();

  float total;
  float average;
  float percentage;
  char grade;

        // Calculating total, average and percentage
  total = sub_1 + sub_2 + sub_3 + sub_4 + sub_5;
  average = (float)(total / 5.0);
  percentage = (float)((total / 500.0) * 100);

        // It will calculate the Grade
  if (average >= 90)
  grade = 'A';
  else if (average >= 80 && average < 90)
  grade = 'B';
  else if (average >= 70 && average < 80)
  grade = 'C';
  else if (average >= 60 && average < 70)
  grade = 'D';
  else
  grade = 'E';

        // It will produce the final output
  System.out.println("\nThe Total marks = " + total + "/500.0");
  System.out.println("The Average marks = " + average);
  System.out.println("The Percentage = " + percentage + "%");
  System.out.println("The Grade = '" + grade + "'");
  }
}
```

```
Enter the marks of five subjects:

76
87
98
86
88

The Total marks     = 435.0/500.0
The Average marks = 87.0
The Percentage      = 87.0%
The Grade           = 'B'
```