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import java.util.Scanner;
public class GradeCalculator {
    static void GradeCalc(int arr[],int numberofsubjects){
        int totalmarks=0;
        for(int i=0;i<numberofsubjects;i++) {
            System.out.println("Enter the mark of each subject: " + arr[i] + " out
of 100");

            while (arr[i] < 0 || arr[i] > 100) {
                System.out.println("Invalid marks,enter the marks greater than 0
and less than 100");
                System.out.println("Enter the marks: " + arr[i] + "out of 100");
            }

            totalmarks = totalmarks + arr[i];
        }
        System.out.println("Total marks obtained: " + totalmarks);

        int AvgPercentage=totalmarks/numberofsubjects;
        System.out.println("Average percentage: "+AvgPercentage+"%");

        if(AvgPercentage>=90)
            System.out.println("Your grade is: A+");
        else if(AvgPercentage>=80)
            System.out.println("Your grade is: B+");
        else if(AvgPercentage>=70)
            System.out.println("Your grade is: B");
        else if(AvgPercentage>=60)
            System.out.println("Your grade is: C+");
        else if(AvgPercentage>=50)
            System.out.println("Your grade is: C");
        else if(AvgPercentage>=40)
            System.out.println("Your grade is: D+");
        else if(AvgPercentage>=30)
            System.out.println("Your grade is: D");
        else
            System.out.println("Your grade is: E");
    }
    public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        int numberofsubjects=s.nextInt();
        int arr[]=new int[numberofsubjects];
        for(int i=0;i<numberofsubjects;i++)
            arr[i]=s.nextInt();
        GradeCalc(arr,numberofsubjects);
    }
}

```