```java
import java.util.Scanner; public class
GradeCalculator {
    static void GradeCal(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();
        GradeCalculator(arr,numberofsubjects);
    }
}
```