PROGRAM:

To make entry of 5 subjects, restrict to enter more than 100 marks for a subject, use of for, if, Scanner etc.

```
import java.util.Scanner;

public class CalculateStudentsResult {

        void mains()
        {
                int noOfStudents,i,j, sum=0,k, percent;
                System.out.println("Enter number of students");
                Scanner s1 = new Scanner(System.in);
                noOfStudents = s1.nextInt();

                System.out.println("No of students are = "+noOfStudents);

                for(i=1; i<= noOfStudents; i++)

                {
                        System.out.println("Enter"+i+"students marks");
                        System.out.println("_____");
                        for(j=1; j<=5;j++)
                        {
                                System.out.println("Enter"+j+"subject marks :");
                                k = s1.nextInt();
                                sum=sum+k;


                        }
```

```
                    System.out.println("Sum ="+sum);
                    percent = (sum*100)/500;
                    System.out.println("Percentage ="+percent);
                    sum=0;
                    System.out.println("_____");

                }

        }
}
```

OUTPUT:

```
Enter number of students
2
No of students are = 2
Enter1students marks
_____
Enter1subject marks :
65
Enter2subject marks :
85
Enter3subject marks :
45
Enter4subject marks :
21
Enter5subject marks :
90
Sum =306
Percentage =61
_____
Enter2students marks
_____
```

```
Enter1subject marks :
80
Enter2subject marks :
90
Enter3subject marks :
90
Enter4subject marks :
80
Enter5subject marks :
90
Sum =430
Percentage =86
```

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