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 CheckForFailUsingIf {

	public static void main(String args[])
	{
		int noOfStudents, i,j,marks, sum=0, percent;
		System.out.println("Please Enter number of students");
		Scanner s1 = new Scanner(System.in);
		noOfStudents = s1.nextInt();
		System.out.println("Entered 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");
				marks = s1.nextInt();
				sum =sum + marks;

				if(marks < 33)
				{
					if(j ==1)
					{
						System.out.println("You are fail in Hindi");
```

```
                }
                if(j ==2)
                {
                        System.out.println("You are fail in Hindi");
                }
                if(j ==3)
                {
                        System.out.println("You are fail in Hindi");
                }
                if(j ==4)
                {
                        System.out.println("You are fail in Hindi");
                }
                if(j ==5)
                {
                        System.out.println("You are fail in Hindi");
                }
        }


}

System.out.println("Sum of marks =" + sum);
percent = sum/5;
System.out.println("Your percentage = " +percent);

if(percent > 90)
{
        System.out.println("Your grade is = A+");
}

if(percent <= 90 && percent >80)
{
        System.out.println("Your grade is = A");
```

```
                }

                if(percent <= 80 && percent >70)
                {
                        System.out.println("Your grade is = B+");
                }

                if(percent <= 70 && percent >60)
                {
                        System.out.println("Your grade is = B");
                }

                if(percent <= 60 && percent >50)
                {
                        System.out.println("Your grade is = C+");
                }

                if(percent <= 50 && percent >40)
                {
                        System.out.println("Your grade is = C");
                }

                if(percent <= 40)
                {
                        System.out.println("Your grade is = D");
                }

                sum = 0;
                System.out.println("_____");
        }


    }
}
```

OUTPUT:

```
Please Enter number of students
2
Entered students are = 2
Enter1students marks
_____________________________
Enter1subject marks
50
Enter2subject marks
40
Enter3subject marks
60
Enter4subject marks
80
Enter5subject marks
70
Sum of marks =300
Your percentage = 60
Your grade is = C+
_____________________________
Enter2students marks
_____________________________
Enter1subject marks
20
You are fail in Hindi
Enter2subject marks
40
Enter3subject marks
50
Enter4subject marks
```

```
60
Enter5subject marks
40
Sum of marks =210
Your percentage = 42
Your grade is = C
```

Related posts:

1. Java program to display message
2. Java addition program
3. Java program to enter marks
4. Java program to enter marks, calculate sum, percentage, division etc.
5. Java Program to use Nested Switch case
6. Java program use of Switch case, break statement
7. Java program use of Scanner class, nextInt()
8. Java program use of If Else
9. Java program 10
10. Java program While loop, input.nextInt()
11. Java program type casting
12. Java Scanner progam
13. Java program arithmetic operators
14. Java array program
15. Java Inheritance
16. Java constant
17. Java Decrement operator
18. Java Do While program
19. Java program use of continue

20. Java Nested Method
21. Java program main function with object
22. Javaprogram Graphic Applets
23. Java program Applet mouse event handling
24. Java program Applet digital clock
25. Java program Applet image display
26. Java program File handling create operation
27. Define a class to declare an integer array of size n and accept the elements into the array.
28. Define a class to declare an array of size 20 of the double datatype, accept the elements into the array and perform the following: Calculate and print the sum of all the elements.
29. Java program for String, to uppercase, to equal, length of string
30. Write a Java program for Buble sort.
31. Write a Java program String to uppercase and count words startig with ‘A’