

2. Write an array which takes in roll no and marks in 3 subjects for 10 students. Print the roll no, total marks and average for all students.

```
package arrays;
import java.util.Scanner;
public class rollnomarks {
    void roll()
    {
        //int j=0;
        //int marks[]=new int[3];
        String stu[]= new String[5];
        int submarks[]=new int[3];
        Scanner sc=new Scanner(System.in);
        //System.out.println(" Marks :-");
        int sum=0,avg=0;
        for(int j=0;j<stu.length;j++) {
            System.out.print("student name"+(j+1)+":");
            String name=sc.next();
            System.out.println("Roll no:");
            int rollno=sc.nextInt();

            for(int i=0;i<submarks.length;i++) {
                System.out.print("subject"+(i+1)+":");
                submarks[i]=sc.nextInt();
                sum+=submarks[i];
            }
            avg=sum/3;
            System.out.println("sum of all subjects\t\taverage");
            System.out.println("\t\t"+sum+"\t\t"+avg+" \t\t");
            sum=0;
            //int i = 0;
            //System.out.println("\t"+marks[j]+\t\t"+marks[j]);
            //System.out.println("Average marks : "+avg);
            //System.out.println("sum of all subjects : "+ sum);
            //int k=submarks[i];
        }
    }

    public static void main(String[]args) {
        rollnomarks rm=new rollnomarks();
        rm.roll();
    }
}
```

```
output ;
student name1:abc
Roll no:
100
subject1:80
subject2:90
subject3:80
*sum of all subjects    average
   250                   83
student name2:asd
Roll no:
101
subject1:50
subject2:90
subject3:30
*sum of all subjects    average
   170                   56
student name3:qwe
Roll no:
102
subject1:80
subject2:90
subject3:50
*sum of all subjects    average
   220                   73
student name4:sfr
Roll no:
103
subject1:50
subject2:50
subject3:50
*sum of all subjects    average
   150                   50
student name5:zxc
Roll no:
10
subject1:50
subject2:90
subject3:60
*sum of all subjects    average
   200                   66
```