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import java.util.Scanner;
public class wot {
    public static void main(String[] args) {
        Scanner yo = new Scanner (System.in);
        int n = 0;
        //Problema 2 :
        int g = 5;
        int j = 1;
        do {
            j = 1;
            do {
                System.out.printf("%3d",g);
                j++;
            }
            while(j<=g);
            System.out.println(" ");
            g--;
        }
        while(g>0);
        //Problema 1 :
        double s = 0;
        double f = 0;
        while(s<1000) {
            n = yo.nextInt();
            s=s+n;
            f++;
        }
        System.out.println("Media aritmetica la problema 1 = "+s/f);

        //Problema 3 :
        n = yo.nextInt();
        int p = 0;
        for(j=0;j<=n;j++) {
            g = g + (int) Math.pow(j, 3.0);
            p = p + j;
        }
        if(g> (int) Math.pow(p, 2.0)) {
            System.out.println("Suma cuburilor e mai mare dect patratul sumei deoarece "+g+" > "+ (int) Math.pow(p, 2.0));
        }
        else if(g==(int) Math.pow(p, 2.0)) {
            System.out.println("Suma cuburilor e egala cu patratul sumei deoarece "+g+" = "+(int) Math.pow(p, 2.0));
        }
        else {
            System.out.println("Suma cuburilor e mai mica dect patratul sumei deoarece "+g+" < "+(int) Math.pow(p, 2.0));
        }

        yo.close();
    }
}

```