

Problema 1

```
import java.util.Scanner;

public class Main{

    public static void main(String []args){

        Scanner sc=new Scanner(System.in);

        int i=0;

        int s=0, n;

        while (s<1000){

            n=sc.nextInt();

            s=n+s;

            i++;

        }

        float med=s/i;

        System.out.println("Media este: " + med);

        sc.close();

    }

}
```

Problema 2

```
public class Main{  
    public static void main(String []args){  
        int n=5;  
        do {  
            int i=1;  
            do {  
                System.out.printf("%2d", n);  
                i++;  
            }  
            while (i<=n);  
            System.out.println();  
            n--;  
        } while (n>=1);  
    }  
}
```

Problema 3

```
import java.util.Scanner;

public class Main{

    public static void main(String []args){
        Scanner sc=new Scanner(System.in);
        double n=sc.nextDouble();
        double sum1=0, sum2=0;
        for (int i=1; i<=n; i++) {
            sum1=sum1+(Math.pow(i, 3));
            sum2=sum2+i;
        }
        sum2=sum2*sum2;
        System.out.println(sum1);
        System.out.println(sum2);
        if (sum1==sum2)
            System.out.println("sum1 e egala cu sum2");
        else if(sum1>sum2)
            System.out.println("sum1 e mai mare decat sum2");
        else
            System.out.println("sum2 e mai mare decat sum1");
        sc.close();
    }
}
```