

Problema 1

```
import java.util.Scanner;
public class tpa5 {
    public static void main (String[] args) {
        double s=0;
        Scanner b=new Scanner (System.in);
        Scanner c=new Scanner (System.in);
        System.out.println("Valoarea numerelor:");
        int s1=b.nextInt();
        System.out.println("Introduceti " + s1 + " numere:");
        for(int a=1; a<=s1; a++) {
            double introducerea=b.nextInt();
            s=s+introducerea;
            System.out.println();
        }
        if (s<=1000) {
            double m=s/s1;
            System.out.println("Media aritmetica este egala cu " + m);
        }else {
            System.out.println("Suma numerelor nu trebuie sa depaseasca 1000");
        }
    }
}
```

Problema 2

```
import java.util.Scanner;
public class tpa6 {
    public static void main (String[] args) {
        int a=5;
        while(a>=1) {
            for(int b=1; b<=a; b++) {
                System.out.print(a);
            }
            System.out.println();
            a--;
        }
    }
}
```

Problema 3

```
import java.util.Scanner;
import static java.lang.Math.sqrt;
public class tpa7 {
    public static void main (String[] args) {
        Scanner numbers=new Scanner(System.in);
        System.out.println("Introduceti n:");
        int n=numbers.nextInt();
        int s1=0;
        int s2=0;
        int nr1=1;
```

```

    int nr2=1;

    do {s1=s1+(int)Math.pow(nr1, 3.0);
        nr1++;
    }while (nr1<=n);
    System.out.println("Prima suma este egala cu "+s1);
    do {s2=s2+nr2;
        nr2++;
    }while (nr2<=n);
    s2=(int)Math.pow(s2, 2.0);
    System.out.println("A doua suma este egala cu "+s2);

    if (s1<s2) {
        System.out.println("Prima suma (" +s1+" ) este mai mica ca a doua suma (" +s2+" ).");
    }else if (s1>s2) {
        System.out.println("Prima suma (" +s1+" ) este mai mare ca a doua suma (" +s2+" ).");
    }else {
        System.out.println("Prima suma (" +s1+" ) este egala cu a doua suma (" +s2+" ).");
    }
}
}
}

```