Ex.1

```java
import java.util.Scanner;
public class TemaPeAcasa {
public static void main(String[]args) {
        Scanner sc=new Scanner(System.in);

        int a=0;
        double sum=0;
        while(sum<1000) {
                int i=sc.nextInt();
         if(i<=0) {
                 System.out.println("Valid number is needed");
         }
         else {
                 sum=sum+i;
                 a++;
         }
 }
 System.out.println(sum/a);
}
}
```

Ex.2

```java
public class TemaPeAcasa2 {

public static void main(String[]args) {
        int i=5;
        do {
                int j=1;
                do {
                        System.out.printf("%3d", i);
                        j++;
                }
                while(j<=i);
        System.out.println();
        i=i-1;}
        while(i>=1);
}
}
```

Ex.3

```java
import java.util.Scanner;

public class TemaPeAcasa3 {
public static void main(String []args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        double sum1=0, sum2=0;
        int p=0;
        for(int i=1;i<=n;i++) {
                double d=Math.pow(i, 3);
                sum1=sum1+d;
                p=p+i;
```

```java
		}
		sum2=Math.pow(p,  2);
		if(sum1>sum2) {
				System.out.println("Suma 1 este mai mare ca suma 2");
		}
		else if(sum1<sum2) {
				System.out.println("Suma 1 este mai mica ca suma 2");
		}
		else {
				System.out.println("Suma 1 este egala cu suma 1");
		}
		sc.close();
	}

}
```