

## Exercitiul 1

```
import java.util.Scanner;
public class Exercitiul1 {
    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();
            sum=sum+i;
            a++;
        }
        System.out.println(sum/a);
    }
}
```

## Exercitiul 2

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

## Exercitiul 3

```
import java.util.Scanner;
public class Exercitiul3 {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n= sc.nextInt();
        double s1=0;
        double s2=0;
        double i=1,s=0;
        while(i<=n) {
            s1=s1+Math.pow(i, 3);
            s=s+i;
            s2=s2+Math.pow(s, 2);
            i++;
        }
        if (s1<s2) {
            System.out.println("A doua suma este mai mare decat prima");
        }
    }
}
```

```
}  
else  
if(s1>s2) {  
System.out.println("Prima suma este mai mare decat a doua");  
}  
else {  
System.out.println("Prima suma este egala cu a doua");  
}  
sc.close();  
}  
}
```