

1)

```
package scanner;
import java.util.Scanner;
public class Do_While_For {
    public static void main (String args []) {
        Scanner input = new Scanner(System.in);
        int n;
        double count = 0;
        double sum = 0;
        while (true)
        {
            System.out.print("Introduceti numarul: ");
            n = input.nextInt();
            sum =sum + n;
            if (sum > 1000)
            {
                sum = sum- n;
                break;
            }
            count++;
        }
        System.out.println("Media aritmetica este: " + sum /
count);

        input.close();
    }
}
```

2)

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

3)

```
package scanner;
import java.util.Scanner;
public class Do_While_For {
    public static void main (String args []) {
        Scanner a=new Scanner(System.in);
        int n=a.nextInt();
        int s1=0;
        int s2=0;
        int c=1;
        int b=1;
        do {s1=s1 + (int) Math.pow(b, 3) ;
        b++;
        } while (b<=n);
        System.out.println("Suma 1 este egala cu " + s1);
        do {s2=s2 +c;
        c++;
        }while (c<=n);
        s2 = (int) Math.pow(s2, 2);
        System.out.println("Suma 2 este egala cu " + s2 );
        if (s1<s2) {
            System.out.println("Suma 1 este mai mica ca Suma 2, adica "
+s1 + " < " + s2 );
        }else {
            if (s1==s2) {
                System.out.println("Suma 1 este egala cu Suma 2, adica "
+s1 + " = " + s2 );
            }else {
                System.out.println("Suma 1 este mai mare ca Suma 2,
adica " +s1 + " > " + s2 );
            }
        }
        a.close();
    }
}
```