```java
import java.util.Scanner;
public class DoWhileLoop {
public static void main(String[]Args) {
Scanner tastatura=new Scanner(System.in);

//prima problema
System.out.println("introduceti numerele suma carora va fi
1000 apoi adaugati inca cifra 1");
    int a;
    int b=0;
    int S=0;
    int c;
    a=tastatura.nextInt();
    S=S+a;
while(S<=1000) {
    a=tastatura.nextInt();
    S=S+a;
    b++;
}
if (S>=1000) {
    S=S-a;
}
 c=S/b;
 System.out.println(c);

 // a doua problema

 int i=5;
        do {
            int j=1;
            do {
                System.out.printf("%2d", i);
            j++;}while (j<=i);
        System.out.println();
            i--;
         }while (1<=i);

        // a treia problema

        System.out.println("Introduceti numerele si adaugati
inca cifra 1");
```

```java
            int e=tastatura.nextInt();
            int Sum1=0, Sum2=0;
            Sum1=Sum2 + e*e*e;
            Sum2=(Sum2+e)*e*e;
    for (int d=1;d<=e;d++) {
        e=tastatura.nextInt();
        Sum1=Sum1 + e*e*e;
        Sum2=(Sum2+e)*e*e;
    }
    if (Sum1==Sum2) {
        System.out.println("Sum1=Sum2");
    }else {
        if (Sum1<Sum2) {
            System.out.println("Sum2>Sum1");
        }else {
            System.out.println("Sum1>Sum2");
        tastatura.close();

        }
        }
    }
    }
```