

**Problema 1** (îmi arată în consolă mediile la fiecare sumă, nu strict la cea care îmi trebuie ☹):

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

        int sum=0;
        int med=0;
        int i=ab.nextInt();
        while( sum<=1000) {
            if(i%2==0)
            { sum=sum+i;
              med=sum/(i/2);
            }
            i++;
            System.out.println("Media este "+med);
        }
        ab.close();
    }
}
```

**Problema 2 :**

**Prima metoda:**

```
public class DoWhile {
    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++;
            }while(i<=5);
            int b=4;
            do {
                int j=1;
                do {
                    System.out.printf("%3d", b);    j++; } while (j<=b);
                    System.out.println();
                    b++;
                }while(b<=4);
                int c=3;
                do {
                    int j=1;
                    do {
                        System.out.printf("%3d", c);    j++; } while (j<=c);
                        System.out.println();
                        c++;
                    }while(c<=3);
                    int d=2;
                    do {
                        int j=1;
                        do {
                            System.out.printf("%3d", d);    j++; } while (j<=d);
                            System.out.println();
                            d++;
                        }while(d<=2);
                        int f=1;
                        do {
                            int j=1;
                            do {
                                System.out.printf("%3d", f);    j++; } while (j<=f);
                                System.out.println();
                                f++;
                            }while(f<=1);
                        }
                    }
                }
            }
        }
    }
}
```

```

    }
}

```

### A doua metoda:

```

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

```

### Problema 3:

```

import java.util.Scanner;
public class For {
public static void main (String[]args) {
Scanner ab=new Scanner (System.in);
int c=ab.nextInt();
int S1=0, S2=0;
int d=(int) (Math.pow(c, 3.0));
int e=(int) (Math.pow(c, 2.0));
S1=S1+d;
S2=(S2+c)*e;
for (int a=1; a<=c; a++) {
c=ab.nextInt();
S1=S1+d;
S2=(S2+c)*e;
}
if (S1>S2) {
System.out.println("Prima suma e mai mare decat a doua.");
}else{
if (S1<S2) {
System.out.println("A doua suma e mai mare decat prima.");
}else{
System.out.println("Sumele sunt egale.");
}
}
ab.close();
}
}
}
}

```