

5.1

```
import java.io.*;

class J00001{

    public static void main(String args[]) throws java.io.IOException {

        BufferedReader kronwarin = new BufferedReader(new
InputStreamReader(System.in));

        String aa; int i =0;

        String w[] = new String[5];

        do {

            aa = kronwarin.readLine();

            w[i++] = aa;

        } while (!aa.equals("0"));

        int max=0;int min=999;

        int tot=0;int avg=0;

        for(int j=0;j<4;j++)

        {

            System.out.println(w[j]);

            if(max<Integer.parseInt(w[j])) max=Integer.parseInt(w[j]);

            if(min>Integer.parseInt(w[j])) min=Integer.parseInt(w[j]);

            tot+=(Integer.parseInt(w[j]));

            avg = tot/(w.length-1);

        }

        System.out.println("MAX="+max);

        System.out.println("MIN="+min);

        System.out.println("TOT="+tot);

        System.out.println("AVG="+avg);

    }

}
```

5.2

```

import java.io.*;

class J00001{
    static int max=0;
    static int min=999;
    static int tot=0;
    static int avg=0;
    public static void main(String args[]) throws java.io.IOException {
        String w[] = new String[10];
        sub1(w); sub2(w); sub3(w);
    }
    static void sub1(String w[])throws java.io.IOException {
        BufferedReader kronwarin = new BufferedReader(new InputStreamReader(System.in));
        String aa;int i =0;
        do {
            aa = kronwarin.readLine();
            w[i++] = aa;
        } while (!aa.equals("0"));
        System.out.println("first="+w[8]);
        System.out.println("Last="+w[9]);
    }
    static void sub2(String w[])throws java.io.IOException {
        for(int j=0;j<4;j++){
            if(max<Integer.parseInt(w[j])) max=Integer.parseInt(w[j]);
            if(min>Integer.parseInt(w[j])) min=Integer.parseInt(w[j]);
            tot += (Integer.parseInt(w[j]));
            avg = tot/(w.length-1);
        }
    }
    static void sub3(String w[])throws java.io.IOException {
        System.out.println("MAX="+max);
        System.out.println("MIN="+min);
        System.out.println("TOT="+tot);
        System.out.println("AVG="+avg);
    }
}

```

5.3

```
C:\Program Files\Java\jdk-10.0.2\bin>java J00001
8
6
4
2
0
first=8
Last=0
MAX=8
MIN=2
TOT=20
AVG=2
```