

5.1

```
import java.io.*;

class J00001{

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

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

        String buf; int i =0;

        String w[] = new String[5];

        do {

            buf = stdin.readLine();

            w[i++] = buf;

        } while (!buf.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]);
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        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);

}
}

```

ผลลัพธ์

```

C:\Program Files\Java\jdk-10.0.2\bin>javac J00001.java

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

```