5.1

```java
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

```java
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="+"8");

        System.out.println("Last="+aa);

}

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]);
```

```java
            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
```