5.1

```java
import java.io.*;

class J001{

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

BufferedReader fearn = new BufferedReader (new

InputStreamReader(System.in)); String aa; int i =0;

String f[] = new String[5];

do {

        aa = fearn.readLine();

        f[i++] = aa;

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

        int max=0;int min=999;

        int tot=0;int avg=0;

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

{

        System.out.println(f[x]);

        if(max<Integer.parseInt(f[x]))

        max=Integer.parseInt(f[x]);

        if(min>Integer.parseInt(f[x]))min=Integer.parseInt(f[x]);

        tot+=(Integer.parseInt(f[x])); avg = tot/(f.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 J001{

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 f[] = new String[10];

sub1(f);

sub2(f);

sub3(f);

}

static void sub1(String f[])throws java.io.IOException {

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

String aa;int i =0;

do {

        aa = fearn.readLine();

        f[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 x=0;x<4;x++){

        if(max<Integer.parseInt(f[x])) max=Integer.parseInt(f[x]);

        if(min>Integer.parseInt(f[x])) min=Integer.parseInt(f[x]);
```

```java
        tot += (Integer.parseInt(f[x])); avg = tot/(f.length-1);

}

}

        static void sub3(String f[])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 J001.java

C:\Program Files\Java\jdk-10.0.2\bin>java J001
8
5
7
2
0
first=8
Last=0
MAX=8
MIN=2
TOT=22
AVG=2
```