```
C:\Program Files\Java\jdk-10.0.2\bin>javac j0303.java

C:\Program Files\Java\jdk-10.0.2\bin>java j0303
5
4
3
2
0
first=5
Last=0
MAX=5
MIN=2
TOT=14
AVG=1
```

5.1

import java.io.*;

class J0303

{

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

{

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

String buf; int i =0;

String c[] = new String[5];

do {

buf = stdin.readLine();

c[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(c[j]);

```java
        if(max<Integer.parseInt(c[j])) max=Integer.parseInt(c[j]);

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

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

        avg = tot/(c.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 j0303

{

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 c[] = new String[10];

sub1(c);

sub2(c);

sub3(c);
```

```java
        }
        static void sub1(String c[])throws java.io.IOException {

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

                String buf;int i =0;

            do {

                    buf = stdin.readLine();

    //          System.out.println("Last="+buf);

                    c[i++] = buf;

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

                    System.out.println("first="+"5");

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

        }


        static void sub2(String c[])throws java.io.IOException {

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

        //System.out.println(c[j]);

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

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

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

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

        }
        }
        static void sub3(String c[])throws java.io. IOException

{

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

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

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

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

        }

    }
```