

## 5.1

```
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 j=0;j<4;j++)

        {

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

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

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

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

            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

```
import java.io.*;

class J0001{

    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 j=0;j<4;j++){

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

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

        }

    }

}
```

```

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

        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

```