

## 5.1

```
import java.io.*;

class J51

{

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

    {

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

        String buf; int i =0;

        String p[] = new String[5];

        do {

            buf = stdin.readLine();

            p[i++] = buf;

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

        int max=0;int min=999;

        int tot=0;int avg=0;

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

        {

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

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

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

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

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

        }

    }

}
```

```

    }

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

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

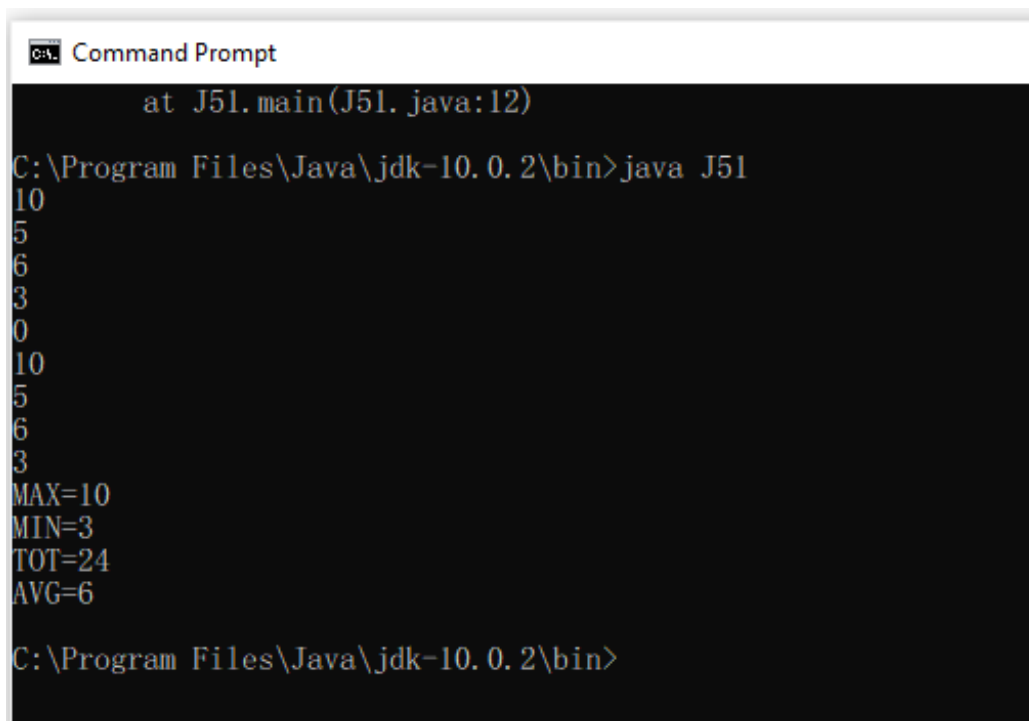
    System.out.println("TOT="+tot);

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

}

}

```



```

C:\Program Files\Java\jdk-10.0.2\bin>java J51
    at J51.main(J51.java:12)
10
5
6
3
0
10
5
6
3
MAX=10
MIN=3
TOT=24
AVG=6
C:\Program Files\Java\jdk-10.0.2\bin>

```

## 5.2

```

import java.io.*;

class J52

{

    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 p[] = new String[10];

sub1(p);

sub2(p);

sub3(p);

    }

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

            BufferedReader stdin = new BufferedReader(new

InputStreamReader(System.in));

                String buf;int i =0;

            do {

                buf = stdin.readLine();

                p[i++] = buf;

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

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

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

        }

```

```

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

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

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

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

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

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

    }

}

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

{

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

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

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

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

}

}

```

```
Command Prompt
AVG=6
C:\Program Files\Java\jdk-10.0.2\bin>javac J52.java
C:\Program Files\Java\jdk-10.0.2\bin>java J52
6
9
4
1
0
first=5
Last=0
MAX=9
MIN=1
TOT=20
AVG=2
C:\Program Files\Java\jdk-10.0.2\bin>_
```