

```
1  /**
2   * header
3   */
4  import static java.lang.System.*;
5
6  public class NumberCompare
7  {
8      // 2 int instance variables
9      private int foo;
10     private int fuu;
11
12     // default constructor
13     public NumberCompare ()
14     {
15         foo = 0;
16         fuu = 0;
17     }
18
19     // loaded constructor
20     public NumberCompare (int foobar, int fuubar)
21     {
22         setNums(foobar, fuubar);
23     }
24
25     // method setNums
26     public void setNums(int foobar, int fuubar)
27     {
28         foo = foobar;
29         fuu = fuubar;
30     }
31
32     // method getLargest
33     public int getLargest()
34     {
35         if (foo > fuu)
36             return foo;
37         else
38             return fuu;
39     }
40
41     // method getSmallest
42     public int getSmallest()
43     {
44         if (foo < fuu)
45             return foo;
46         else
47             return fuu;
48     }
49 }
```

```
50     // method toString
51     public String toString()
52     {
53         return (foo + "--" + fuu);
54     }
55 }
56
57
```