

```
1  /**
2   * header
3   */
4  import static java.lang.System.*;
5
6  public class Word
7  {
8      String word;
9      // 1 string instance variable
10
11     public Word()
12     {
13         setString("");
14     }
15     // default constructor
16     public Word(String tempString)
17     {
18         setString(tempString);
19     }
20     // loaded constructor
21     private void setString(String tempString)
22     {
23         word = tempString;
24     }
25     // method setString
26     public String getFirstChar()
27     {
28         return ( "First letter: " + Character.toString( word.charAt(0) )
29     );
30     }
31     // method getFirstChar
32     public String getLastChar()
33     {
34         return ( "Last Letter: " + Character.toString( word.charAt( word.
35         length() - 1 ) ) );
36     }
37     // method getLastChar
38     public String getBackWards()
39     {
40         String tempString = "";
41         char tempChar;
42         for(int i = 0; i < word.length(); i++)
43         {
44             tempChar = ( word.charAt(word.length() - ( i + 1 ) ) );
45             tempString = ( tempString + Character.toString( tempChar ) );
46         }
47         return ( "Reversed: " + tempString );
48     }
49     // method getBackWards
```

```
48     public String toString()  
49     {  
50         return ( "Original: " + word );  
51     }  
52     // method toString  
53 }  
54
```