

```
1 public class Word
2 {
3     public static void main(String[] args)
4     {
5         String word = reverse("Hello Java!");
6         System.out.println(word);
7     }
8
9     public static String reverse(String s)
10    {
11        String answer = "";
12        // Starting with the last letter
13        for(int i = s.length()-1; i >= 0; i--)
14        {
15            // Go through each letter.
16            // charAt outputs a char we use
17            // the following to convert it
18            // back to a string.
19            // -----
20            //                |   |
21            //                |   |
22            //                |   |
23            //                \ / \ /
24            //                V   V
25            String c = s.charAt(i) + " ";
26            // Capitalize it
27            // Add the letter to the string
28            answer = answer + c.toUpperCase();
29        }
30        // Return the string
31        return answer;
32    }
33 }
```