

```
1 package string;
2
3 /* 把一个句子中的单词进行反转，例如 "How are you"反转后为 "you are how" */
4
5 class ReverseStrings {
6
7     public String reverseStrings(String string) {
8
9         if (string == null || string.length() <= 1) {
10             return string;
11         }
12
13         String[] singleStrings = string.split(" ");
14         for (int i = 0; i < singleStrings.length; i++) {
15
16             singleStrings[i] = this.reverseSingleString(singleStrings[i]);
17         }
18
19         StringBuilder result = new StringBuilder();
20         for (int i = 0; i < singleStrings.length; i++) {
21             result.append(singleStrings[i]);
22
23             if (i != singleStrings.length - 1) {
24                 result.append(" ");
25             }
26         }
27
28         return this.reverseSingleString(result.toString());
29     }
30
31     private String reverseSingleString(String string) {
32
33         StringBuilder stringBuilder = new StringBuilder(string).reverse();
34
35         return stringBuilder.toString();
36     }
37
38     public static void main(String[] args) {
39
40         String input = "How are you";
41
42         System.out.println(new ReverseStrings().reverseStrings(input));
43     }
44 }
45
```