R Code for Examples in the book
"Statistics: The Art and Science of Learning from Data"
by Agresti, Franklin and Klingenberg, 5th edition

Chapter 2

Example 5: Health Value of Cereals – Stem-and-Leaf Plots

Read in Sodium values:

```
sodium <- c(0, 340, 70, 140, 200, 180, 210, 150, 100, 130, 140, 180, 190,
160,290, 50, 220, 180, 200, 210)
```

Basic Stem & Leaf Plot:

```
stem(sodium)

##
##   The decimal point is 2 digit(s) to the right of the |
##
##   0 | 057
##   1 | 0344568889
##   2 | 001129
##   3 | 4
```

More appropriate (the one from the book):

```
stem(sodium, scale=10)

##
##   The decimal point is 1 digit(s) to the right of the |
##
##     0 | 0
##     1 |
##     2 |
##     3 |
##     4 |
##     5 | 0
##     6 |
##     7 | 0
##     8 |
##     9 |
##    10 | 0
##    11 |
##    12 |
##    13 | 0
##    14 | 00
##    15 | 0
##    16 | 0
##    17 |
##    18 | 000
##    19 | 0
##    20 | 00
##    21 | 00
##    22 | 0
##    23 |
##    24 |
##    25 |
##    26 |
##    27 |
##    28 |
##    29 | 0
##    30 |
##    31 |
##    32 |
##    33 |
##    34 | 0
```