Minitab session with descriptive statistics

```
MTB > #data set: text, page 88.
MTB > set c1
DATA> 20 43 44 17 46 31 35 60 23 35
DATA> 31 45 44 41 35 37 43 33 38 29
DATA> 33 35 69 55 48 12 39 37 31 41
DATA> 28 36 32 36 37 43 25 46 86 45
DATA> 56 20 35 48 39 74 53 58 43 36
DATA> end
MTB > histogram c1;
SUBC>    increment 10;
SUBC>    start 15.

Histogram of C1   N = 50

Midpoint   Count
    15.0       2  **
    25.0       6  ******
    35.0      20  ********************
    45.0      14  **************
    55.0       4  ****
    65.0       2  **
    75.0       1  *
    85.0       1  *
MTB > dotplot c1

                            .     :
                          : :.:   :
             .  . : . . : ::::::: ::::  . : ..     .  .       .
          -----+---------+---------+---------+---------+---------+-C1
              15        30        45        60        75        90
```

```
MTB > stem-and-leaf c1;
SUBC>    increment = 10.

Stem-and-leaf of C1        N  = 50
Leaf Unit = 1.0

    2    1 27
    8    2 003589
  (20)   3 11123355555666777899
   22    4 11333344556688
    8    5 3568
    4    6 09
    2    7 4
    1    8 6

MTB > describe c1

                N     MEAN   MEDIAN   TRMEAN    STDEV   SEMEAN
C1             50    40.12    37.50    39.27    13.78     1.95

              MIN      MAX       Q1       Q3
C1          12.00    86.00    32.75    45.25

MTB > boxplot c1


                              ---------
              *  -----------I  +    I----------     *  *       0
                              ---------
          ------+---------+---------+---------+---------+---------+C1
               15        30        45        60        75        90
MTB > stop
*** Minitab Release 7.2 *** Minitab, Inc. ***
Storage available 100000
```