**Program 59b**

**(Random rounding)**

**Program Description:** Write a program that will generate 15 random numbers from -20 to 20 which will be stored in an array. These numbers will not be ints. You will round each number to the nearest thousandth and store them in a second parallel array. The program will output three columns, the problem number, the original number and the rounded number. Note: when checking your results, be sure that the negative numbers are rounding correctly.

**Statements Required:** **loop control, parallel arrays, output**

**Sample Output:**

**# Original Rounded**

1 14.181215371343377 14.181

2 -8.857327968216877 -8.857

3 -19.27474281667097 -19.275

4 -2.182771692219106 -2.183

5 -5.639406812699793 -5.639

6 11.608840943336364 11.609

7 -0.6723284037596606 -0.672

8 -11.4943744799053 -11.494

9 -10.81054444282838 -10.811

10 3.2316040377902766 3.232

11 -4.221425203840425 -4.221

12 -6.348957667972975 -6.349

13 -17.200480349388236 -17.2

14 9.336745068777443 9.337

15 -9.396547183840763 -9.397