You are to make minimal modifications to in-class sample program, grades4 in Pointers 4, to process floating-point investment values rather than integer test grades.

Requirements:
1. Include a header comment that gives the following information:

   // Project name
   // your last name, first name
   // 110B - your section number

   // Brief statement of the program's task

2. Your program should consist of main() and six functions. The dynamic array will be floating-point rather than integer. Identifiers should not refer to grades but to investments. The format of the output must be modified. The tasks performed by the various functions will remain the same with the exception of show_class_average(). It will be replaced by a function that will output the total of all investment values.

3. Use good programming style, that is, vertically align matching braces, code nothing but a brace on a source line, use proper indentation, and use whitespace judiciously.

4. Generally, format your report as follows. Vertically align the decimal points and use a precision of 2. Run you program 4 times using the following test data which is shown in bold.

Run 1:
Enter the maximum number of investments==>6
Enter a maximum of 6 investments.
Enter the first investment (q to QUIT): 1000.99
Enter the next investment (q to QUIT): 9456.31
Enter the next investment (q to QUIT): 5000
Enter the next investment (q to QUIT): 934.50
Enter the next investment (q to QUIT): q

Your 4 investments are:
1000.99
9456.31
5000.00
934.50

Investment total: 16391.80
**Run 2:**
Enter the maximum number of investments ==> 3
Enter a maximum of 3 investments.
Enter the first investment (q to QUIT): 20000
Enter the next investment (q to QUIT): 234500.89
Enter the next investment (q to QUIT): 45000.55

Your 3 investments are:
20000.00
234500.89
45000.55

Investment total: 299501.44

**Run 3:**
Enter the maximum number of investments ==> 5
Enter a maximum of 5 investments.
Enter the first investment (q to QUIT): q

You entered no investments.

**Run 4:**
Enter the maximum number of investments ==> 0

Maximum number of investments must be positive.