COP2334 3/28/2019 DUE: 3/30

A local zoo wants to keep track of how many pounds of food each of its three monkeys eats each day during a typical week. Write a program that stores this information in a two-dimensional 3×7 array, where each row represents a different monkey and each column represents a different day of the week. The program should first have the user input the data for each monkey. Then it should create a report that includes the following information:

- Average amount of food eaten per day by the whole family of monkeys.
- The least amount of food eaten during the week by any one monkey.
- The greatest amount of food eaten during the week by any one monkey.

Some Inputs:

These are the following function prototypes to consider:

I.

```
void   getData(double[][NUM_DAYS]);
double findGroupTotal(double[][NUM_DAYS]);
double findOneTotal (double[][NUM_DAYS], int);
double findLeastTotal(double[][NUM_DAYS]);
double findGreatestTotal(double[][NUM_DAYS]);
```

//provided that NUM_DAYS is 7 and NUM_MONKEYS is 3.

II.

```
double food[NUM_MONKEYS][NUM_DAYS];   //
```

2d array to hold the pounds of food consumed by each monkey on each day of the week.

III.

```
/* SAMPLE RUN RESULTS


Enter pounds of food eaten by monkey #1 on
day 1: 3.4
day 2: 3.7
day 3: 3.1
day 4: 3.2
day 5: 3.5
day 6: 3.1
day 7: 3.2

Enter pounds of food eaten by monkey #2 on
day 1: 2.6
day 2: 2.5
day 3: 2.5
day 4: 2.4
day 5: 2.6
day 6: 2.5
day 7: 2.5
```

```
Enter pounds of food eaten by monkey #3 on
day 1: 3.9
day 2: 4.0
day 3: 4.1
day 4: 4.0
day 5: 3.8
day 6: 3.7
day 7: 4.0


Average amount of food eaten per day
by the entire family of monkeys = 9.76 pounds.

Least amount of food eaten during the week
by any one monkey = 17.6 pounds.

Greatest amount of food eaten during the week
by any one monkey = 27.5 pounds.
*/
```