**ForEachPrac3**

**Directions:**

1. Instantiate a new ArrayList, *food*, that will only hold: List<String>
2. Instantiate three new ArrayLists with a String Type-parameter that will be used to hold the following items:  *fruit, vegetables,* and *meat*.
3. Add *Apple, Orange,* and *Pear* to the fruit list
4. Add *Carrot, Broccoli,* and *Potato* to the vegetable list
5. Add *Beef, Chicken,* and *Fish* to the meat list
6. Add the fruit, vegetable, and meat lists to the food list as shown below
7. Use a nested for-each loop to print each item in the food list
8. Use a nested for-each loop to count the total number of characters in the food list
9. Print the total number of characters
10. Print the average word length (as a double)
11. Loop through each item in the food list and remove each item that has less four or less characters.
12. Print the new Food List

Apple Orange Pear

Carrot Broccoli Potato

Beef Chicken Fish

Total Characters: 50

Average word length: 5.555555555555555

Apple Orange

Carrot Broccoli Potato

Chicken