Program 702p

**Program Description:** You are to write a program that keeps track of a bunch of animals. Each animal has one name and one word they like to use best. There are then three different types of animals. The first type of animals, the hiccas, they like to keep track of how much money their fur is worth. The second type of animals, the wallies, they keep track of how many steps they take each and every day. The third type of animals are the beepers, the beepers use a special extra word every time they talk.

You are to calculate the average amount each of the hiccas’ fur is worth, the total number of steps taken by the wallies and the average size of the extra word that the beepers use. You are also supposed to print the total number of animals in your whole group. You are to print the number of animals in each group. For extra credit, you are to print the letter that appears most often in the all of the beepers words put together. The data file will be denoted by a 1 for hicca, 2 for wallies and 3 for beepers. There will be a 99 to signify the end of the data file.

**Required Statements:** Interface, Superclass, subclass, ArrayList

You should use the following interface:

public interface names

{

public String getName();

public String getWord();

}

**Data Location:** prog701g.dat