1. Takes the words in its argument list and prints out any duplicate words, the number of distinct words, and a list of the words with duplicates eliminated. Hint: Try with HashSet and List implementation.

Suppose you want to know which words in the argument list occur only once and which occur more than once, but you do not want any duplicates printed out repeatedly. This effect can be achieved by generating two sets one containing every word in the argument list and the other containing only the duplicates. The words that occur only once are the set difference of these two sets

1. Write a program that uses **Shuffle** algorithm to print the words in its argument list in random order. Hint: Use List and Collection
2. Write a program that prints its arguments in random order. Do not make a copy of the argument array.
   1. Create a linked list named one and two.
   2. Add some elements to both one (one, two, three, four, five) and two (six, seven, eight, nine, and ten).
   3. Merge the words from two into one.
   4. Remove every second word from two.
   5. Remove all words in two from one.
   6. Print the value after each operation.
3. Create an array list with 49 Integer objects containing the numbers 1 through 49. It then randomly shuffles the list and selects the first 6 values from the shuffled list. Finally, it sorts the selected values and prints them out. Hint: Use ArrayList, Collections.shuffle(), ArrayList.subList(), and Collection.sort().