

Problem-3

Marketing.java class is given in your assignment.

Write a Test class with main() method to create an ArrayList for the class Marketing. Implement the following methods in the main class. (Pre-Defined Usage of ArrayList class)

- a. add() // adding objects to the Marketing
- b. remove() // delete any object from Marketing
- c. Print the size of the list.
- d. Override the equals() method inside Marketing.java
- e. Sort the list in natural order for the field salesamount using comparator interface. Your Comparator should be consistent with equals.
- f. Sort the list in natural order using employeename with the criteria of the employee who achieves more than \$1000 of salesamount. Write a method to retrieve the result of getting list of employees have more than \$1000 sales. Then do the sorting on this result list.

```
public static List<Marketing> listMoreThan1000(List<Marketing> list){  
    // Implement a body  
}
```