

Problem-3

Marketing.java class is given in your assignment.

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

- a. Create an ArrayList<Marketing> type.
- b. add() minimum of five objects into your ArrayList collection of Marketing instances.
- c. delete an object from Marketing by passing instance object.
- d. Print the size of the list.
- e. Retrieve a Marketing object by its position.(get())
- f. Update the details of a Marketing object by passing its position. (Set())
- g. Override the equals() method inside Marketing.java
- h. Sort the list in natural order for the field salesamount using comparator interface. Your Comparator should be consistent with equals.
- i. Sort the list in natural order using employee name 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  
}
```