Answer: the ***removeDuplicates*** method used HashMap to check duplicate employees. The **Employee** object itself was used as key for the HashMap and since the **Employee** Class has not overridden **hashCode()** with the same fields used for **equal** in **Employee** class, the HashMap used default implementation of **hashCode()** provided by object class. Therefore, HashMap fails to consider the instance variables used by the equals method to determine that two Employees are equal owing to which the duplicates employee were not removed.

Solution:

@Override

**public** **int** hashCode() {

**return** Objects.*hash*(**this**.name,**this**.salary);

}