**Prob2 – Explain**

public static List<Employee> removeDuplicates(List<Employee> employees) {  
 HashMap<Employee, Employee> tracker = new HashMap<>();  
 List<Employee> noDupsList = new ArrayList<>();  
 for(int i = 0; i < employees.size(); ++i) {  
 Employee e = employees.get(i);  
 if(!tracker.containsKey(e)) {  
 tracker.put(e, e);  
 noDupsList.add(e);  
 }  
 }  
 return noDupsList;  
}

The reason of problem is there is no hashCode() method is overridden inside Employee class. Because inside removeDuplicates method, we call *containsKey(e)* method on HashMap in which java library will compare the hashCode between Employee object. If we don’t override this hashCode method inside the Employee class, this hashCode() method will call from Object class(the parent of all class). That should result a wrong comparation.