**Java8 Assignment # 3**

**Objective:**

1. Collections

**Scenario:**

A non-profit organization “Green Protect” is involved in conducting programs related to safeguarding nature and provide aid to organic cultivation and cattle breading and other nature protective missions. This being an organization having a lot number of volunteers from different parts of life and different parts of world it is getting difficult to maintain and track their volunteer contacts and activities.

**Assignment:**

1. Develop a Volunteer VO class as per that can accommodate the below details
   1. Volunteer id
   2. first name
   3. last name
   4. location
   5. number of dedicated hours
   6. gender
   7. date of registration
2. Develop an application that
   1. can read data (using Scanner(System.in)) of 10 volunteers and add them to a ArrayList.
   2. Convert the ArrayList into a Map having location as key and value as a list of volunteers in that location.
   3. Sort each list of volunteers in that on number of dedicated hours using a Comparator implementation.
   4. Display the resultant map on the console.