**Java8 Assignment # 1**

**Objective:**

1. Object Oriented Programming

**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 getting difficult to maintain and track their volunteer contacts and activities.

**Assignment:**

Develop VO classes with relevant hierarchy to suite the below requirements:

1. Each volunteer is identified by a volunteer id. And first name, last name, location, number of dedicated hours, gender, date of registration, skills and interest are the additional details to be kept track of.
2. Volunteers are of three levels
   1. Organizers
      1. Are full time volunteers and they have a nominal incentive.
   2. Trackers
      1. Are volunteers that create and track the activities.
   3. Activists
      1. Are volunteers that participate in an activity.
      2. An activist can participate in only one activity at a time.
3. An activity is any program aligned to the interests of this organization. It is important to keep track of the below details of all activities so that hat can show cased for raising funds.
   1. Each activity has an activity id.
   2. Each activity has a title, location, purpose, expectedConductionDate, actualConductionDate.
   3. Each activity has an Owner (Tracker volunteer)
   4. Each activity has a list of participants (activists)
   5. Each activity has a preceding officer (organizer)