1. **How would you explain the program to non-computer-people?**

The purpose of this program is to keep track of staff members of our company. And calculate their pay depend on their employment type.

There are two types of staff members:

* + - 1. Volunteer
      2. Employee
         1. Executive
         2. Hourly

Every staff member will be represented by one instance of his/her type. So, this program will hold information of each member separately. Due to difference of their employment type, program need to store different information about different members.

**For example:**

1. A volunteer’s information will be **name, address and phone numbers**. As name represents these are only members who work to help the community, so they are non-paid members.

Pay = 0

1. An executive employee will be represented by name, address, phone number, **social number and rating**. Executive member will also have bonus according to their ratings. This bonus will add in their pay.

Pay = pay + bonus

1. An hourly employee will also have same information as executive. But instead of fix pay. Hourly employee will get their pay according to their **hour worked.**

Pay = pay rate \* hours worked

1. **How would you explain the program to computer science peer?**

It’s a **multi-level inheritance** supporting program. Purpose of this program is to store different member in **a structured and organized way.**

Staff member

Employee

Volunteer

Hourly

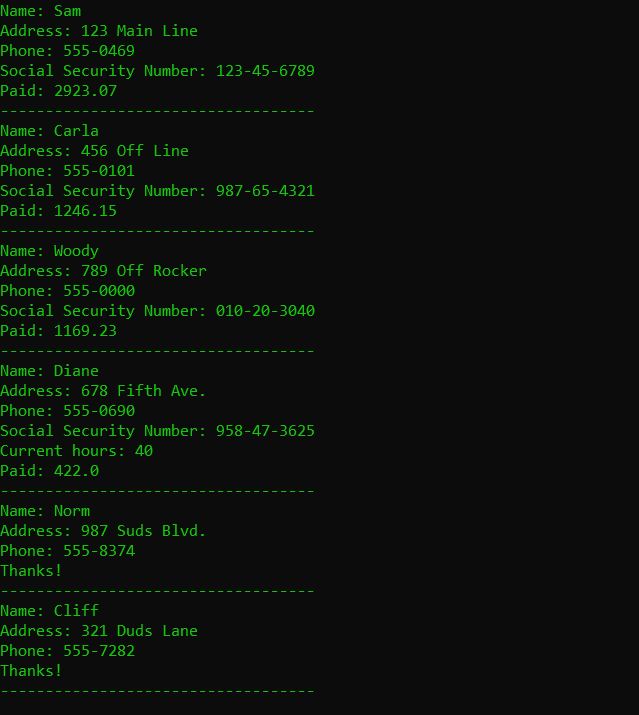
Executive

Here **Staff member is the root class**, from **staff member volunteer and employee classes are inherited**. So, all the member of staff members are now also member of both employee and volunteer classes. After this multi-level inheritance began. As **Executive and Hourly classes are inherited from Employee class**.

So, in our staff members list different objects of these child classes will be added. Each object in a list will represent a single member of company with their essential information. Moreover, program is also responsible to calculate pay of all the members according to their criteria.

At the end of execution, program will display all the members, if pay of member is zero which means a volunteer member, they will get a greeting message and rest of them will get their calculated payment.

**Sample Output**

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