

## Understanding the Code Structure

**Input: All Senior Executives and Aspiring Professionals on the Platform:**

### **class Member:**

**id:** unique id that each member on the platform has

**first\_name:** members first name

**last\_name:** members last name

**industry:** members industry

**interest:** list of members interest. An Aspiring Professionals interest are things they are interested in gaining from Senior Executives. A Senior Executives interest are things they are interests in helping Aspiring Professionals with.

### **class AspiringProfessional:**

**matches:** list of all the Senior Executives they've matched with

**num\_coffee\_chats:** number of coffee chats they've been scheduled for this week

**past\_matches:** list of Senior Executives they were matched with last week

### **class SeniorExecutive:**

**frequency:** number of times they've appeared on the roster this week

**max\_coffee\_chats:** number of coffee chats they can commit to weekly

**num\_coffee\_chats:** number of coffee chats they've been scheduled for this week

**MAX Algorithm**

**Output: List of CoffeeChat objects**

### **class CoffeeChat:**

**aspiring\_professional:** id of aspiring professional

**senior\_executive:** id of senior executive

**date:** date coffee chat is scheduled for

**location:** where coffee chat is scheduled for