

## HW 4: Write Python code will define a class Person

- **Person** will have 2 private fields, **1) \_\_name** and **2) \_\_language**
- **Person** will have a private **\_\_init\_\_** function that sets the **2 fields: \_\_name** and **\_\_language**
- **Person** will have 2 public methods **1) getName** and **2) getLanguage** will return their respective values.

### Create the Person objects using your code like

```
p1 = Person('Mary', 'English')
p2 = Person('Jose', "Spanish")
p3 = Person('Pierre', 'French')
```

### Create a Class of Translation functions called Translation

- The Translation class has a method called **greeting(person)** which returns a greeting for that person in that person's language (ie 'Hola Jose')
- The Translation class has a method called **daysAhead(person)** which returns the days of the week for the next 2 days in that person's language (ie 'Hola Jose, hoy es Miércoles y Mañana es Jueves')

### Assignment:

- Put the person objects in an array (ie an array of Persons). For each person, call the greeting and daysAhead functions to output the following.

```
Hello Mary, today is Wednesday and tomorrow is Thursday
Hola Jose, hoy es Miércoles y Mañana es Jueves
Bonjour Pierre aujourd'hui c'est mercredi et demain c'est jeudi
```

### Comment

When you are done, it's very impressive, you will have a written a python program that

- Created a Person class with private data and public methods.
- Created objects from your class
- Created a Library (Class of public methods for Translation tasks.)
- Your Main program creates Person objects, puts them in an array of Person objects
- For Each Person, a greeting and daysAhead message is returned from the Translation Library methods.