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| **LEARNING PROFILE FOR ASSIGNMENT#\_1\_\_\_\_\_ AND QUESTION#\_1\_\_\_\_\_\_\_** | | | | | |
| *Name* | *:* | *Steven Morrissey* | *Due Date* | *:* |  |
| *Student ID* | *:* | *3300222* | *Submission Date* | *:* |  |

**1. Problem Statement:**

Create a class named AddressBook that has the following field names: firstName, middleName, lastName, homeAddress, businessPhone, homePhone, cellphone, skypeId, facebookId, and personalWebSite. Use appropriate data types to store the values for these fields in AddressBook objects. Create appropriate get and set methods to retrieve and assign values to these names. For example, getMiddleName(viveAddressBook) should return the middle name of the person Vive. Similarly, vive.setPersonalWebsite(url) should set the personal website of the person Vive to the specified URL object. Using the get and set methods, create a comparison method compareNames(name1, name2) that compares the first, middle, and last names of strings name1 and name2

**2. Description of the Code:**

Besides creating all the required and standard fields and getters and setters, the compareNames() function was written to check if the name Strings passed as parameters are equal.

**3. Errors and Warnings:**

Table 1: List of Errors and Warnings Encountered in the Program

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Errors / Warnings** | **Details** | **How I solved them** |
| 1 | none |  |  |

**4. Sample Input and Output:**

Case 1: Create two AddressBook objects with the same firstName, middleName and lastName fields, and call compareName method to verify they match

Case 2: Create two AddressBook objects with different firstName, middleName and lastName fields, and call compareName method to verify they do not match.

**5. Discussion:**

The question did not make sense to me in the beginning, as it’s not how I would structure an “Address Book” class myself (returning String for compare names, having no data structure fields to hold data sets instead of single values, etc…). I searched the forum and found other people with similar confusion and gained some understanding from their responses. I also found discrepancies between the API and the question, as it looks like they are passing in a name for getMiddleName which isn’t specified in the API.