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**Title:** Persons.pdf

### 1) Display Complete Directory

**def displayComepleteDirectory(self):**

- Uses **self.listOfPersons**, **\_\_str\_\_** and initializes variable **strOfEntireDirectory** as a string
- While it loops through **listOfPersons** it uses **\_\_str\_\_** to convert object person into a string and appends it to variable **strOfEntireDirectory**
- Returns variable **strOfEntireDirectory**

### 2) Enter New Person

**def enterNewPerson(self,objectOfNewPerson):**

- Uses **self.listOfPersons** and takes object of Person being added as input
- Uses **.append** to add object of Person to **listOfPersons**
- Returns Nothing

### 3) Search For Person

**def searchForPerson(self,stringOfPersonBeingSearched):**

- Uses **self.listOfPersons**, **\_\_str\_\_** and initializes variable **strOfRecords** as string and takes string of person being searched for (**stringOfPersonBeingSearched**) as input
- Loops through **listOfPersons** finding if **stringOfPersonBeingSearched** is in every person of the list once their object has been converted into a string via the **\_\_str\_\_** method, once a match is found it is added to **strOfRecords**
- Returns **strOfRecords**

### 4) Modify Person Information

**def modifyPersonInformation(self,stringOfPersonBeingModified):**

- Uses **self.listOfPersons**, **\_\_str\_\_**, **.setName**, **.setAddress**, **.setSalary**, and takes a string of the person being searched for (**stringOfPersonBeingModified**) as input
- Loops through **listOfPersons** converting each one to a string via the **\_\_str\_\_** method then finds if (**stringOfPersonBeingModified**) is in any of the people, then it returns all records of the string
- It then asks user if it wants to modify the records returned, if they choose yes then it'll give them the option to modify **Salary**, **Name**, or **Address** whichever option they choose the program will use the methods **setName**, **setAddress**, **setSalary** respectively to modify the object of the person
- Returns nothing

### 5) Delete A Record

**def deleteARecord(self,stringOfRecordBeingDeleted):**

- Uses **self.listOfPersons**, **\_\_str\_\_**, **.pop()**, and takes string of the record the user wants to delete (**stringOfRecordBeingDeleted**) as input

- Loops through **listOfPersons** converting each one to a string via the **\_\_str\_\_** method then finds if (**stringOfPersonBeingModified**) is in any of the people, then it returns all records of the string
- It'll then ask the user if it wants to delete the records returned, if yes the program will use **.pop(indexOfObject)** with pop using the index of the object being deleted
- Returns nothing