

Application
- people : People[]
+ Application() + Application(people : People[]) + Application(other : Application) + setPeople(people : People[]) : boolean + getPeople() : People[] + addPerson(index : int) : boolean + addPerson(person : Person) : boolean + addPerson(person : Person, index : int) : boolean + deletePerson(index : int) : boolean + deletePerson(person : Person) : boolean + searchPerson(index : int) : Person + searchPerson(name : String) : Person + searchPerson(person : Person) : Person + displayInfo(person : Person) : String //similar to search + sortByType(type : int) : boolean //sorts types in alphabetical order (i.e. employee, student). Sorts people instance variable inherited person types by alphabetical order) + equals(other : Application) : boolean + clone() : Object + toString() : String

Person
+ DEFAULT_NAME : String + DEFAULT_SOCIAL_SECURITY : String + DEFAULT_AGE : int + DEFAULT_GENDER : char + DEFAULT_ADDRESS : String + DEFAULT_TELEPHONE : String - name : String - social security number : String - age : int - gender : char - address : String - telephone number : String
+ Person() + Person(name : String, ssn : String, age : int, gender : char, address : String, telephone : String) + Person(other : Person) + setName(name : String) : void + setSocialSecurityNumber(ssn : String) : boolean + setAge(age : int) : boolean + setGender(gender : char) : boolean + setAddress(address : String) : void + setTelephoneNumber(phone : String) : boolean + getName() : String + getSocialSecurityNumber() : String + getAge() : int + getGender() : char + getAddress() : String + getTelephoneNumber() : String



