

PhoneBook
<ul style="list-style-type: none"><li>- personMap HashMap&lt;String, String&gt;</li></ul>
<ul style="list-style-type: none"><li>+ lookUpByName(String name): String phoneNumber</li><li>+ addPerson(String name, String phoneNumber): Void</li><li>+ removePerson(String): Void</li><li>+ listAllPerson(): String</li><li>+ lookupByPhoneNum(String phoneNumber): String name</li><li>+ listAllEntries(): String</li></ul>

Person
<ul style="list-style-type: none"><li>- name: String</li><li>- phoneNum: ArrayList&lt;String&gt;</li></ul>
<ul style="list-style-type: none"><li>+ getName():</li><li>+ getPhoneNum():</li></ul>