```
register("bob")
register("bob"): "pubA"
intRegister("bob"): "pubA"
```

```
S_0
                                   S_1
                     allowance("bob", "2"):
                       "pubA"
                     loans("bob", "0"): "pubA"
                     registeredUser("bob"):
                       "pubA"
                     live("pubA"): "pubA"
                     next("4", "5"): "pubA"
                     next("3", "4"): "pubA"
                     next("2", "3"): "pubA"
                     next("1", "2"): "pubA"
                     next("0", "1"): "pubA"
                     inCollection("book4_a"):
                       "pubA"
                     inCollection("book3_a"):
                       "pubA"
                     inCollection("book2_a"):
                       "pubA"
                     inCollection("book1_a"):
                       "pubA"
                     normalUser("bob"): "pubA"
                     available("book1_a"): "pubA"
                     available("book2_a"): "pubA"
                     available("book3_a"): "pubA"
                     available("book4_a"): "pubA"
```