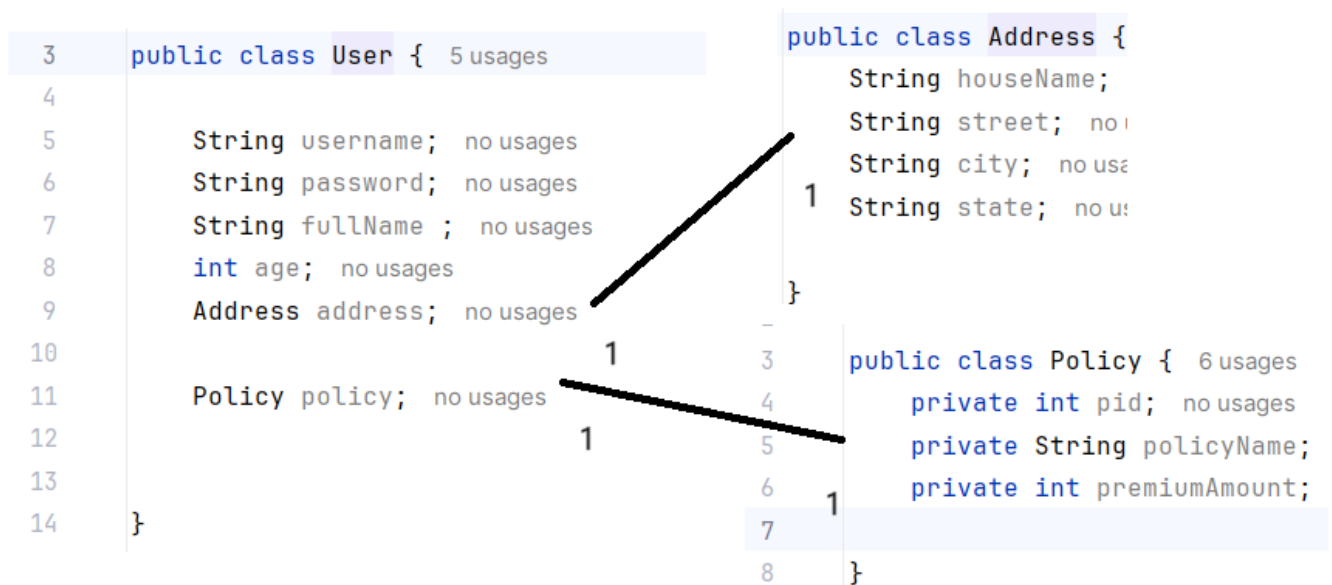


## Assignment on Has-A relation

ABC Tech has to develop an application where user can choose a policy from various policies available in the portal.

User can show the details of selected Policy

### Entity Class Diagram



Create Two Service Classes which holds the Data

So user don't need to code for Admin role

```
5 public class UserService { no usages
6
7     List<User> allUsers = new ArrayList<User>(); no usage
8
9     UserService() { no usages
10         /* Code to initilize allusers */
11         // Hint : Same as PolicyService
12     }
13
14     // getter & setter of allUsers
15 }
16
```

```
3 import java.util.ArrayList;
4 import java.util.List;
5
6 public class PolicyService { no usages
7
8     List<Policy> allPolicies = new ArrayList<Policy>(); no usages
9
10    PolicyService() no usages
11    {
12        // code to set the policies inside allPolicies
13    }
14    // getter & setter of allPolicies
15 }
16
```

## User class & Business Operations to code

```
3  ▶ public class MainClass {
4  ▶     public static void main(String[] args) {
5
6         }
7         public void showAllAvailablePolicy(){ no usages
8
9         }
10        // Overloaded Method
11        public Policy getPolicy(int pId){ no usages
12            return null;
13        }
14        public Policy getPolicy(String policyName){ no usages
15            return null;
16        }
17
18        public User getUser(String username,String password) no usages
19        {
20            return null;
21        }
22        public void setPolicy(User user,Policy policy){} no usages
23        public void printUserDetails(User user){ no usages
24            /* Print the user name , user address and user policy*/
25            // Note : if address is not set , Print : Update Address
26            // if Policy is not yet set , print : No Policy Selected
27        }
28
29    }
```