```
            1..1      *..1
class Associate {      class Project {          associate            project
   int associateNo;       int projectNo;        associate_no (pk)    project_no (pk)
   String fullname;       String title;         full_nm              title
   String designation;    int duration;         designation          duration
   LocalDate doj;         String client;        date_of_joining      client
   int experience;        double budget;        experience           budget
   Project assignedProject;  Set<Associate> associates;  project_no (fk) (not null)
}                      }

              <-one-to-many
              ->many-to-one
```

How to perform persistence operations for these entity classes?
1. How to store the data for these entities classes into the underlying tables?
1.1 Project entity object
directly store the project entity object into the project table, because there is no association exists in project to associate

1.2 Associate entity object
An associate is associated with a project object, so while persisting the associate, store all the attributes of associate object into associate table, along with that pick the pk value of the associated project object and store it in the foreign_key column (project_no) of my table (associate)

```
Associate associate = new Associate();
// populated data

Project project = session.get(Project.class, 10);
associate.setProject(project);
session.save(associate);
```

How to fetch the data from the underlying tables?
1. How to fetch the Project entity object data?
directly from the project table

2. How to fetch the Associate entity object data?
fetch all the data of the associate object from associate table, along with that to fetch associated assignment project we need to take the fk column value of that associate record

```
Associate associate = session.get(Associate.class, 10);
record:
10  Alexander  Programmer  10  10/01/1999  p1 (fk)
```

using that query the project table based on the fk column value, that results in one record from the project that should be wrapped as assignedProject object into the Associate entity

In-Short:
To perform database operations
1. store the data: store their associate object pk value into my fk column
2. fetch the associate object take my fk column value and join with their pk

fk = my table
pk = their table

```
class Associate {
   @ManyToOne(joinColumn="project_no")
   Project assignedProject;
}
```