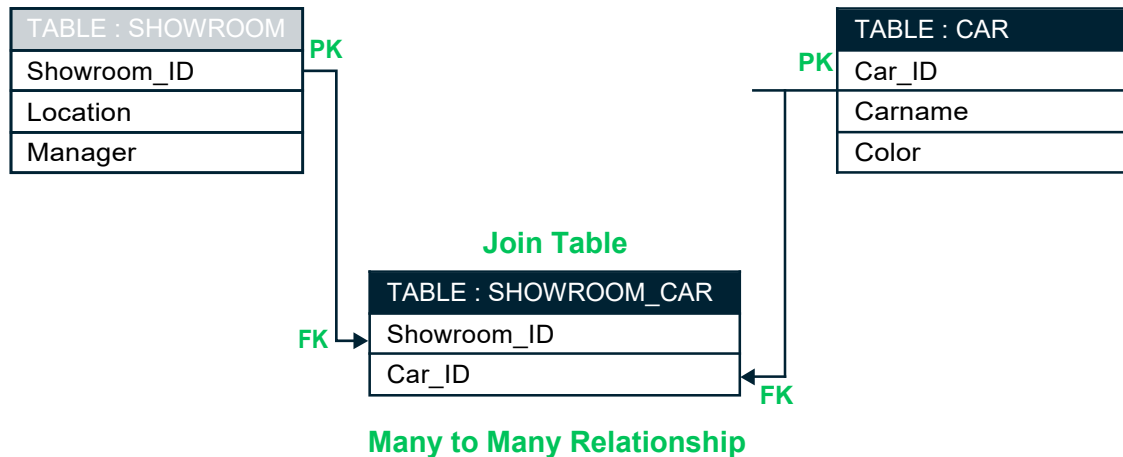


Hibernate Coding Challenge 3.0

1. Many to Many Mapping for the following Tables



Program

```
CREATE TABLE SHOWROOM
(
    SHOWROOM_ID INT NOT NULL AUTO_INCREMENT,
    LOCATION VARCHAR(255) DEFAULT NULL,
    MANAGER VARCHAR(255) DEFAULT NULL,
    PRIMARY KEY (SHOWROOM_ID)
);
ALTER TABLE SHOWROOM AUTO_INCREMENT=1;

CREATE TABLE CAR
(
    CAR_ID INT NOT NULL AUTO_INCREMENT,
    CARNAME VARCHAR(255) DEFAULT NULL,
    COLOR VARCHAR(255) DEFAULT NULL,
    PRIMARY KEY (CAR_ID)
);
ALTER TABLE CAR AUTO_INCREMENT=1000;
```

Hibernate Coding Challenge 3.0

```
CREATE TABLE SHOWROOM_CAR
(
    SHOWROOM_ID INT NOT NULL,
    CAR_ID INT NOT NULL,
    PRIMARY KEY (SHOWROOM_ID,CAR_ID),
    CONSTRAINT FK_SHOWROOM FOREIGN KEY (SHOWROOM_ID) REFERENCES
SHOWROOM (SHOWROOM_ID),
    CONSTRAINT FK_CAR FOREIGN KEY (CAR_ID) REFERENCES CAR (CAR_ID)
);
```

```
Hibernate: select max(Showroom_ID) from ShowRoom
Hibernate: select max(Car_ID) from Car
Hibernate: insert into ShowRoom (Location, Manager, Showroom_ID) values (?, ?, ?)
Hibernate: insert into ShowRoom (Location, Manager, Showroom_ID) values (?, ?, ?)
Hibernate: insert into Car (Carname, Color, Car_ID) values (?, ?, ?)
Hibernate: insert into Car (Carname, Color, Car_ID) values (?, ?, ?)
Hibernate: insert into Car (Carname, Color, Car_ID) values (?, ?, ?)
Hibernate: insert into Showroom_car (Car_ID, Showroom_ID) values (?, ?)
Hibernate: insert into Showroom_car (Car_ID, Showroom_ID) values (?, ?)
Hibernate: insert into Showroom_car (Car_ID, Showroom_ID) values (?, ?)
```

Car_ID	Carname	Color
1	Toyota Camry	Silver
2	Ford Mustang	Red
3	BMW X5	Blue
NULL	NULL	NULL

Car_ID	Showroom_ID
1	2
2	2
3	1

Showroom_ID	Location	Manager
1	AnnaNagar	Dhee
2	Mogappair	Man
3	Ambattur	Ando
NULL	NULL	NULL