

### One to One Association:

1.



Car class will have following attributes:

1. carId
2. model
3. brand
4. noOfSeat
5. noOfWheel

Engine class will have following attributes:

1. engineId
2. horsepower
3. manufactureCompany

your task is to implement and establish association among the classes.

2.



House class will have following attributes:

1. houseId
2. ownerName
3. noOfRoom

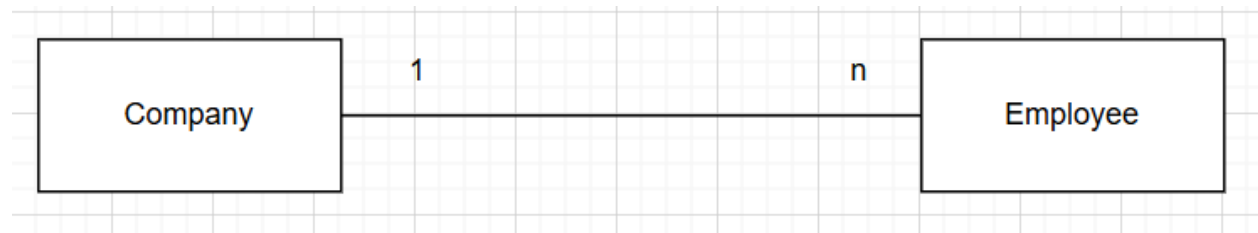
Address class will have following attributes:

1. addressId
2. streetNo
3. area
4. city
5. country

your task is to implement and establish association among the classes.

### One to Many Association:

1.



Company class will have following attributes:

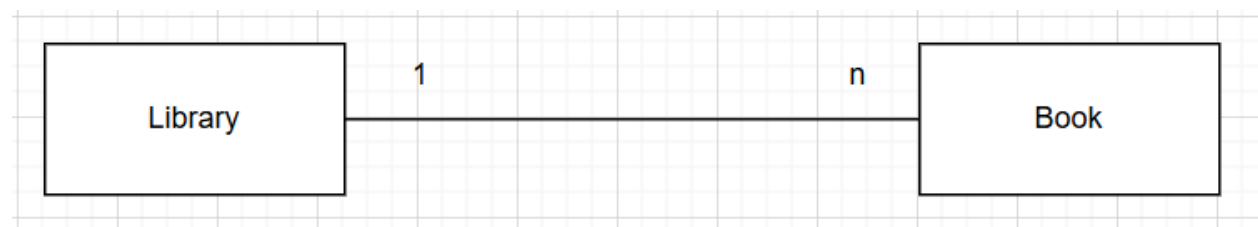
1. CompanyId
2. name
3. type
4. location

Employee class will have following attributes:

1. employeeId
2. employeeName
3. salary
4. designation

your task is to implement and establish association among the classes.

2.



Library class will have following attributes:

1. LibraryId
2. name
3. location

Book class will have following attributes:

1. bookId
2. title
3. authorName
4. noOfPages

your task is to implement and establish association among the classes.

### Many to Many Association:

1.



Movie class will have following attributes:

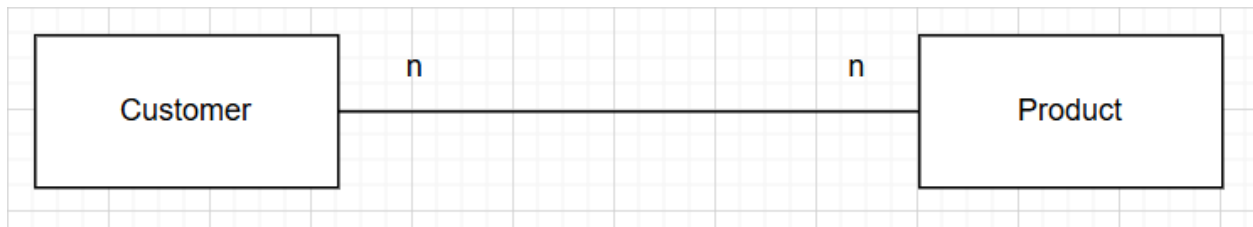
1. movieId
2. title
3. genre
4. language
5. budget

Author class will have following attributes:

1. authorId
2. authorName
3. age
4. gender

your task is to implement and establish association among the classes.

2.



Customer class will have following attributes:

1. customerId
2. name
3. age
4. gender
5. membershipType

Product class will have following attributes:

1. productId
2. name
3. category
4. price
5. availableQuantity

your task is to implement and establish association among the classes.