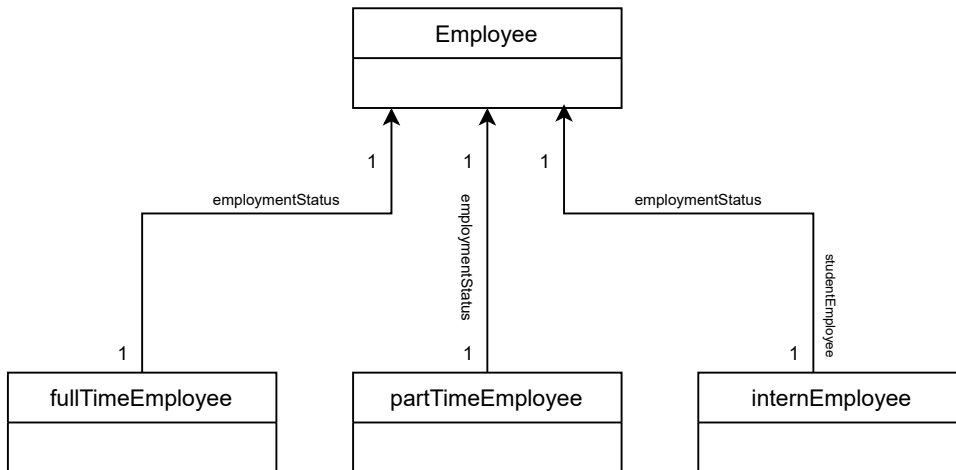


## Question 1

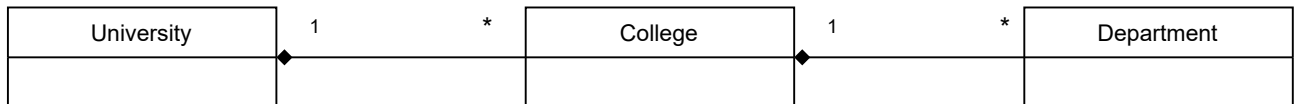
1. Generalization
2. Composition
3. Generalization
4. Aggregation
5. Association

## Question 2

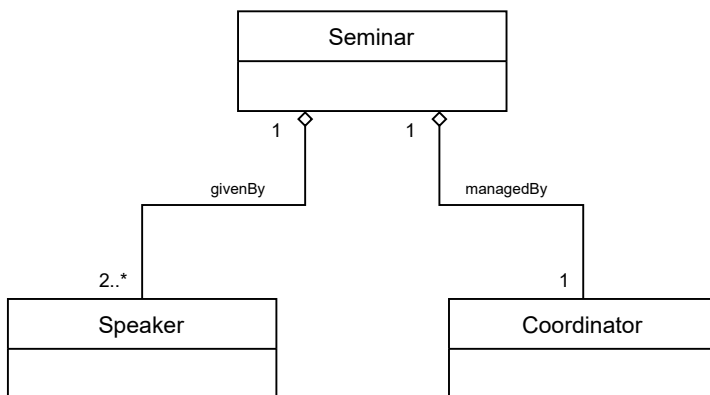
1.



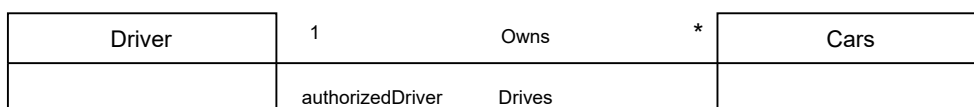
2.



3.

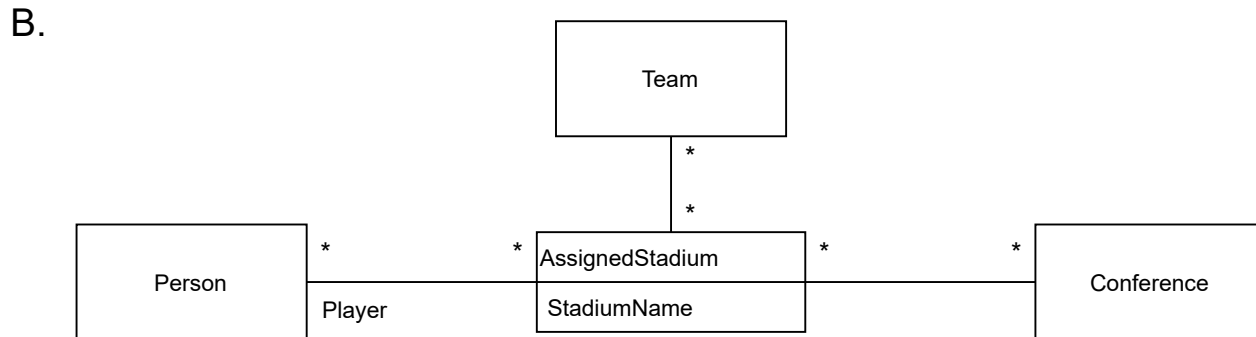


4.



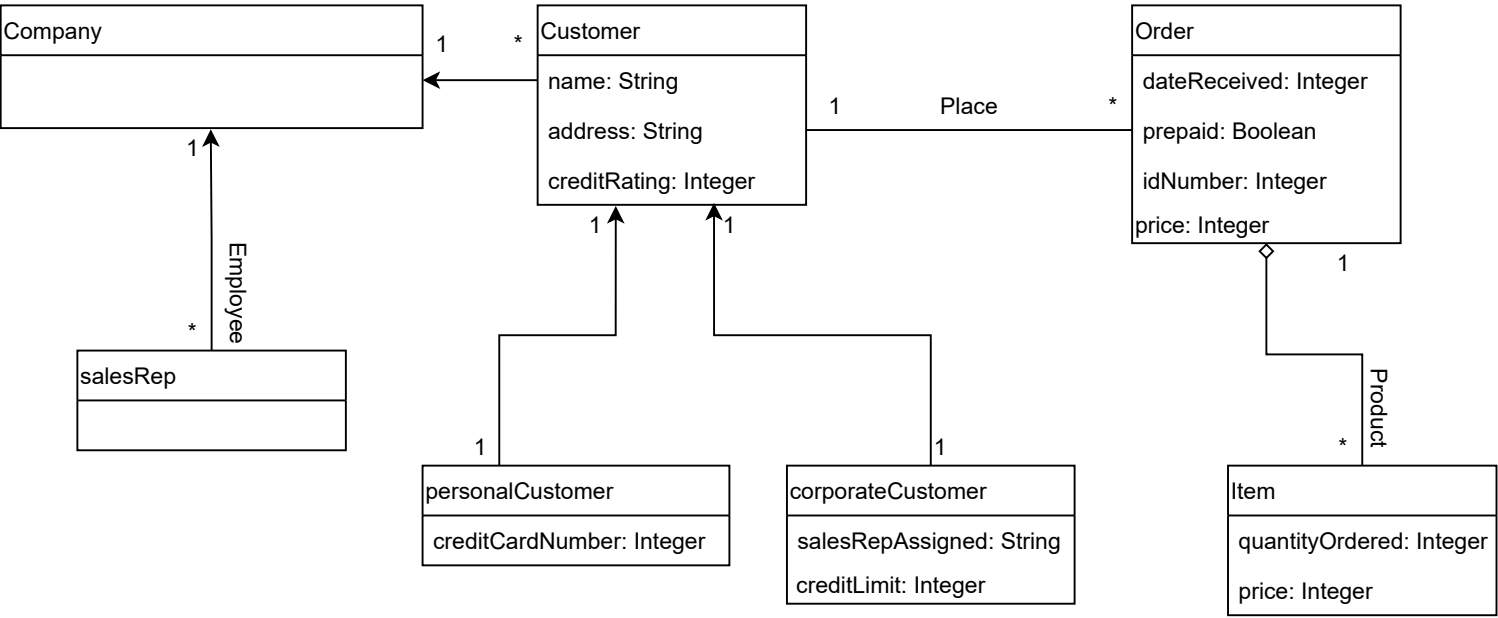
## Question 3

- A. A person may belong to multiple teams and can play for any number of conferences.  
A team may consist of multiple players and can play for any number of conferences.  
For a specific game, where a given person is playing for a given conference as part of a given team, they will play in an assigned stadium.



- C. We want to promote the N-ary association into a class because the associations between the classes are atomic and cannot be decompressed.
- D. No, this does not change the meaning of the model. This change simplifies the model and makes it easier to interpret.

# Question 4



## Question 5

Any company is the employer to many people. These people can be either a manager or employee and must provide their marriage status, employment status, date of birth, age, first name, last name, and sex. Marriage status includes if they have a husband or wife, place of marriage, and date of marriage. Each person must also report as many bank accounts as necessary to the company. Each employee will have their job title, start date, and salary kept in the company database along with the name of the company, number of employees, and current stock price.