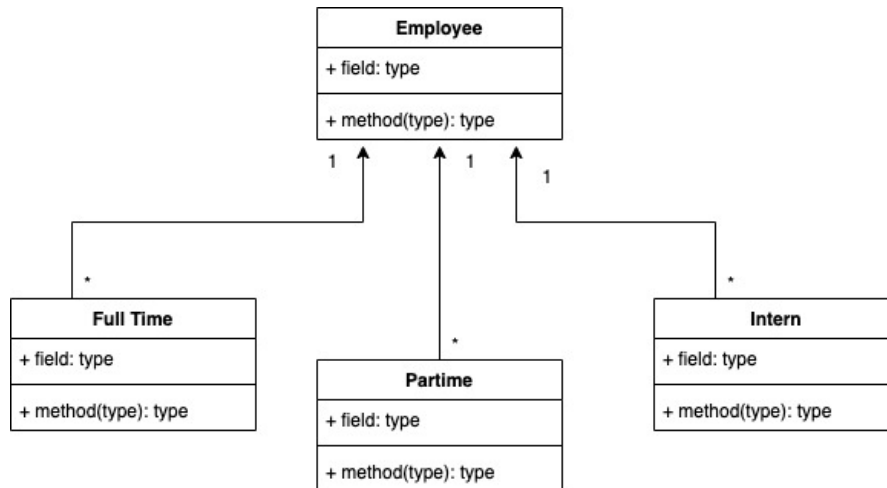


Question 1

1. generalization
2. aggregation
3. generalization
4. aggregation
5. association

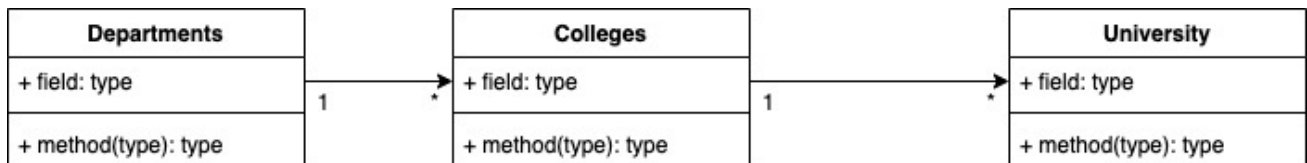
Question 2

1.

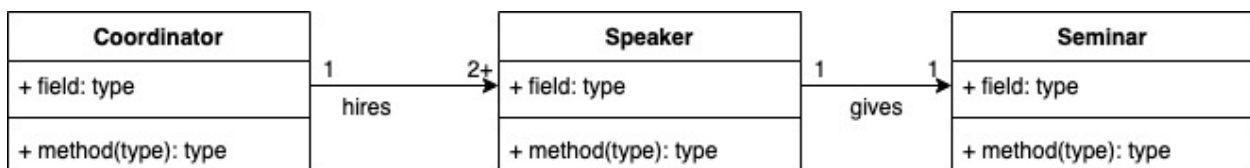


2.

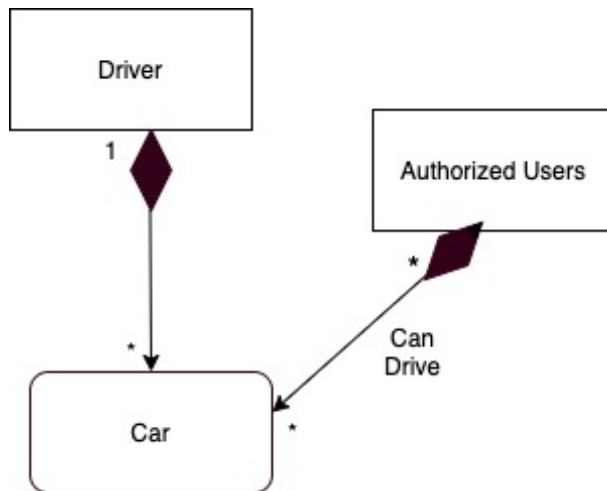
2.



3.

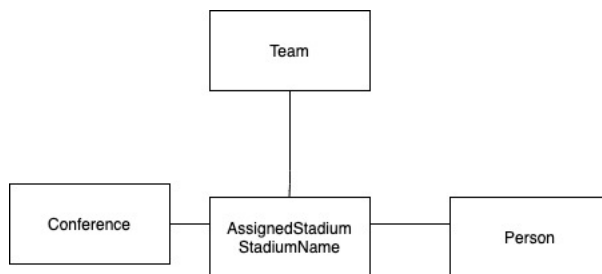


4.



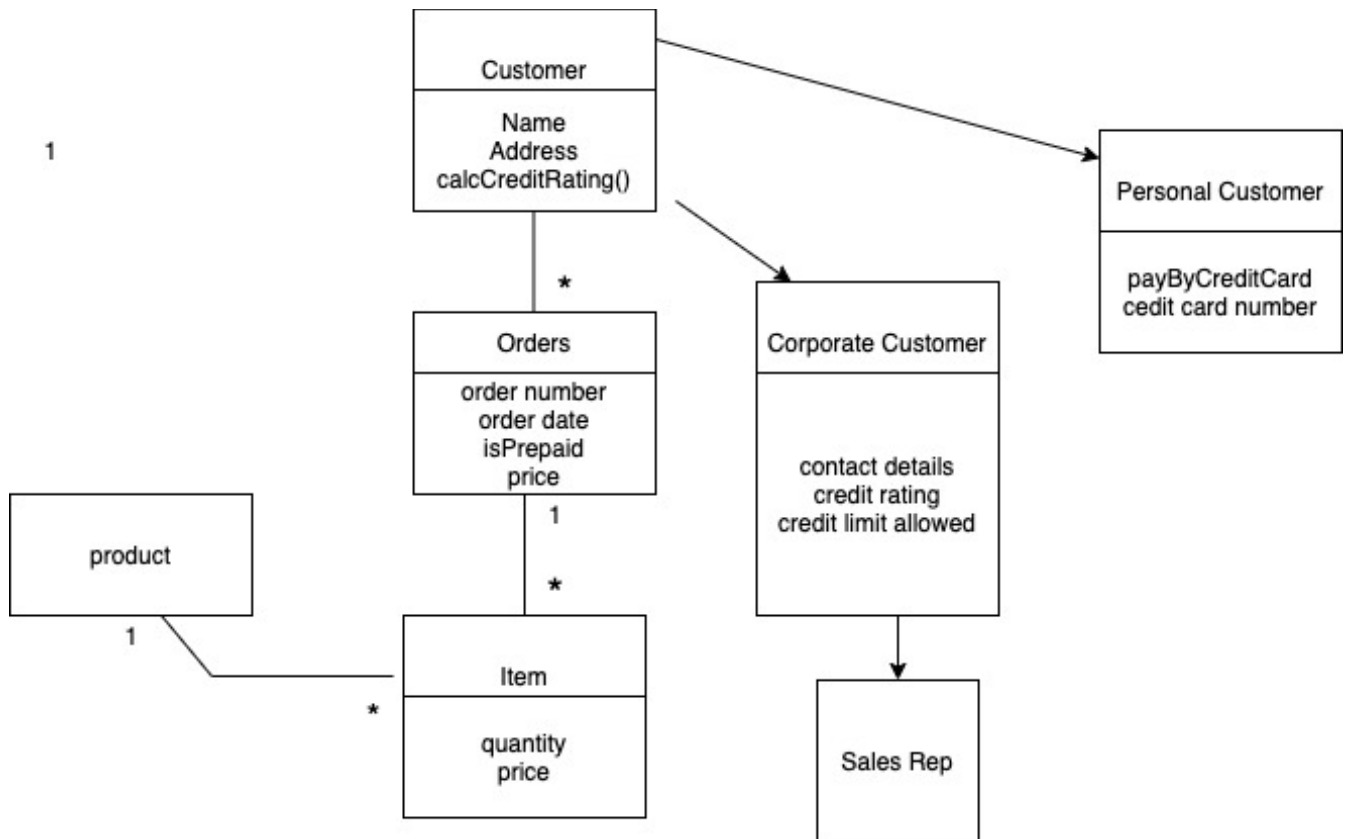
Question 3.

- The system is modeling what looks like a conference in some kind of sport. The conference is made up of teams, which in turn are made up of players. Each conference has an assigned stadium.
-



- The typical programming language cannot express n-ary associations
- Yes, an n-ary association enforces that there is at most one link for each combination, but the promoted class permits any number of links

Question 4.



question 5

Each bank account has an account number. The bank account belongs to a person's attributes are as follows: married or single, employed or unemployed, birthday, age, first name, last name, and sex. Their income is also stored. Each person if married, has a husband or wife. The marriage has a place and a date. Each person if employed is either consider a manager or an employee. All managers and some employees belong to a company, each company has a name, a certain number of employees and a stock price. Other employees just have a normal job with a job title, a start date, and a salary.