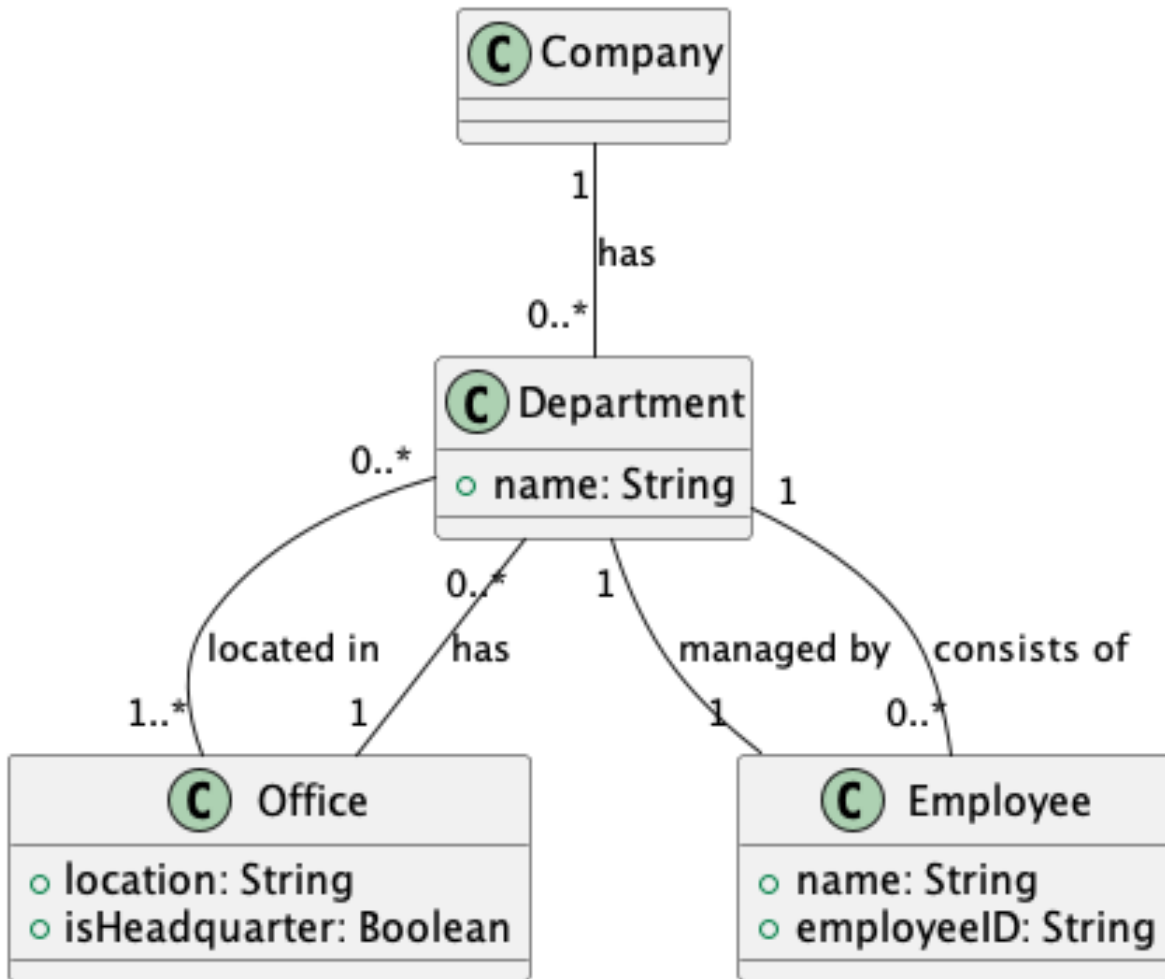Q1) A company consists of departments. Departments are located in one or more offices, each with one or more departments. One office acts as headquarter. Each department has a set of employees and a manager recruited from this set of employees. Your task is to create a class diagram based on the above description.

Q2) Complete the following code which has two classes having 1-1 bidirectional relationship between customer and account classes.

```java
public class Customer {
    private String name;
    private Account account;

    public Customer(String name, String accountId) {
        this.name = name;
        this.account = new Account(accountId, this);
    }

    public String getName() {
        return name;
    }

    public Account getAccount() {
        return account;
    }

    public void setAccount(Account account) {
        this.account = account;
    }
}

public class Account {
    private String accountId;
    private Customer customer;

    public Account(String accountId, Customer customer) {
        this.accountId = accountId;
        this.customer = customer;
    }

    public String getAccountId() {
        return accountId;
    }

    public Customer getCustomer() {
        return customer;
    }
```

```java
    public void setCustomer(Customer customer) {
        this.customer = customer;
    }
}
```