**Quiz 1  
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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.

A diagram of a company

Description automatically generated

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

public class Customer {

private String name;

private Account account;

public Customer(String name, String accountId ) {

this.account = new Account(accountId, this);

this.name = name;

}

}

public class Account {

private String accountId;

private Customer customer;

Account( String accountId, Customer customer ) {

this.accountId = accountId;

this.customer = customer;

}

}