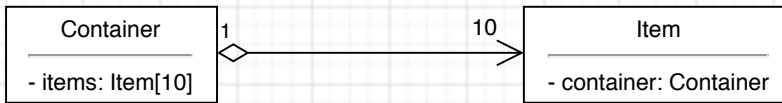
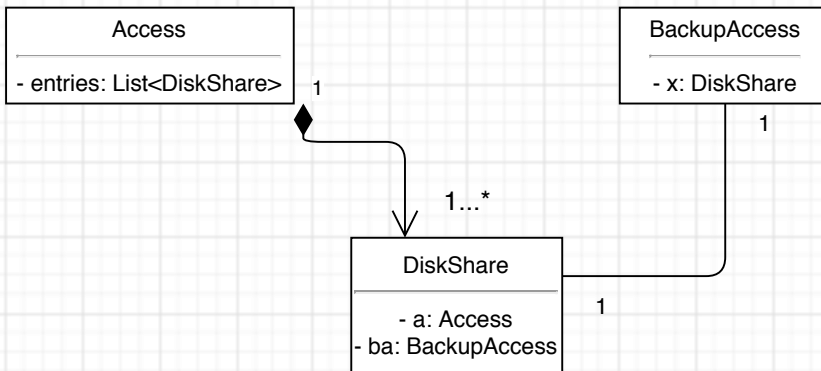


Section A

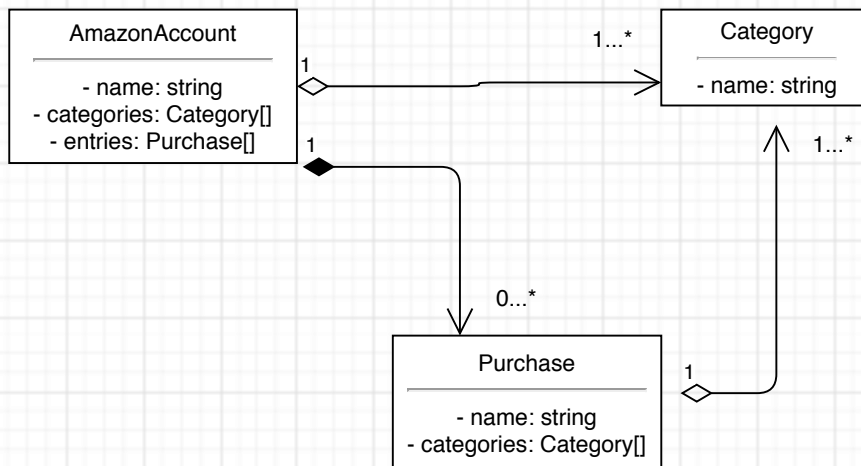
Question 1



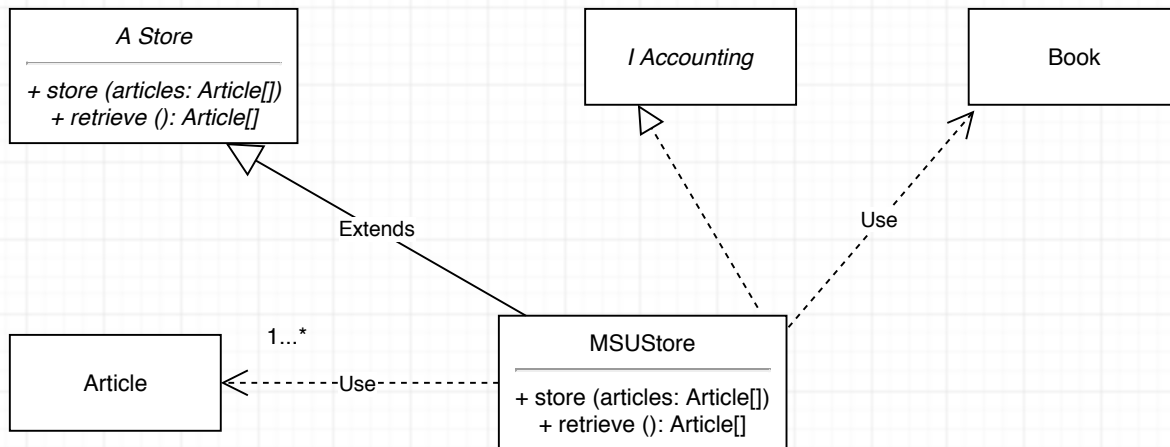
Question 2



Question 3



Question 4



Section B

Question 1

Note: Variables that followed the format `variable_name: Type[1]` were treated as arrays of length one

```
public class Company{
    public String[1] name;
    public Address[1] headquarters;
    public Employee employee;
    public Customer customer;
    public VehicleRentalService service;
    public Motorbike motorbike;
    public Car car;
    public Truck truck;
}

public class Employee extends Person{
    ...
}

public class Customer extends Person{
    public BankAccount bankAccount;
}

public class BankAccount{
    public UnlimitedNatural[1] number;
    public String[1] depositor;
    public String[1] bank;
}
```

```

public class Subcontractor extends Employee extends Customer{
    ...
}

public abstract class Person{
    public String[1] name;
    public String[1] email;
    public Address address;
}

public class Address{
    public String[1] street;
    public String[1] postalCode;
    public String[1] city;
}

public class VehicleRentalService extends Service{
    public Vehicle[1] vehicle;
    public void offerCar();
    public void offerMotorBike();
    public void offerTruck();
}

public class Service{
    public Customer[1] customer;
}

public class Motorbike extends Vehicle{
    public MbKind[1] kind;
    public UnlimitedNatural[1] cylinderCap;
    public UnlimitedNatural[1] power;
    public String[1] manufacturer;
    public String[1] regNo;
}

public class Car extends Vehicle{
    public CarKind[1] kind;
    public UnlimitedNatural[1] noSeats;
    public UnllimitedNatural[1] power;
    public String[1] manufacturer;
    public String[1] regNo;
}

public class Truck extends Vehicle{
    public UnlimitedNatural[1] weight;
    public UnlimitedNatural[1] power;
    public String[1] manufacturer;
    public String[1] regNo;
}

```

```
public interface Rentable{  
    public void rent();  
}
```

```
public class Vehicle implements Rentable{  
    public void rent();  
}
```