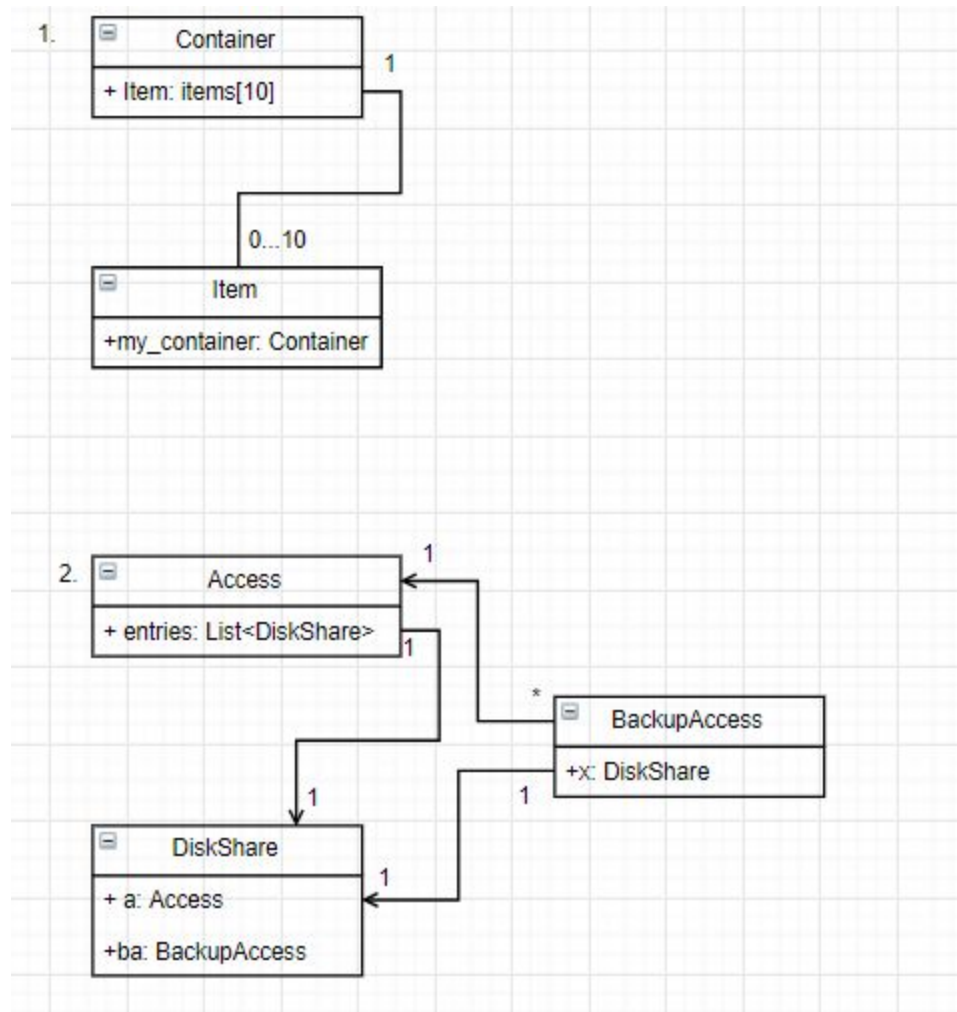
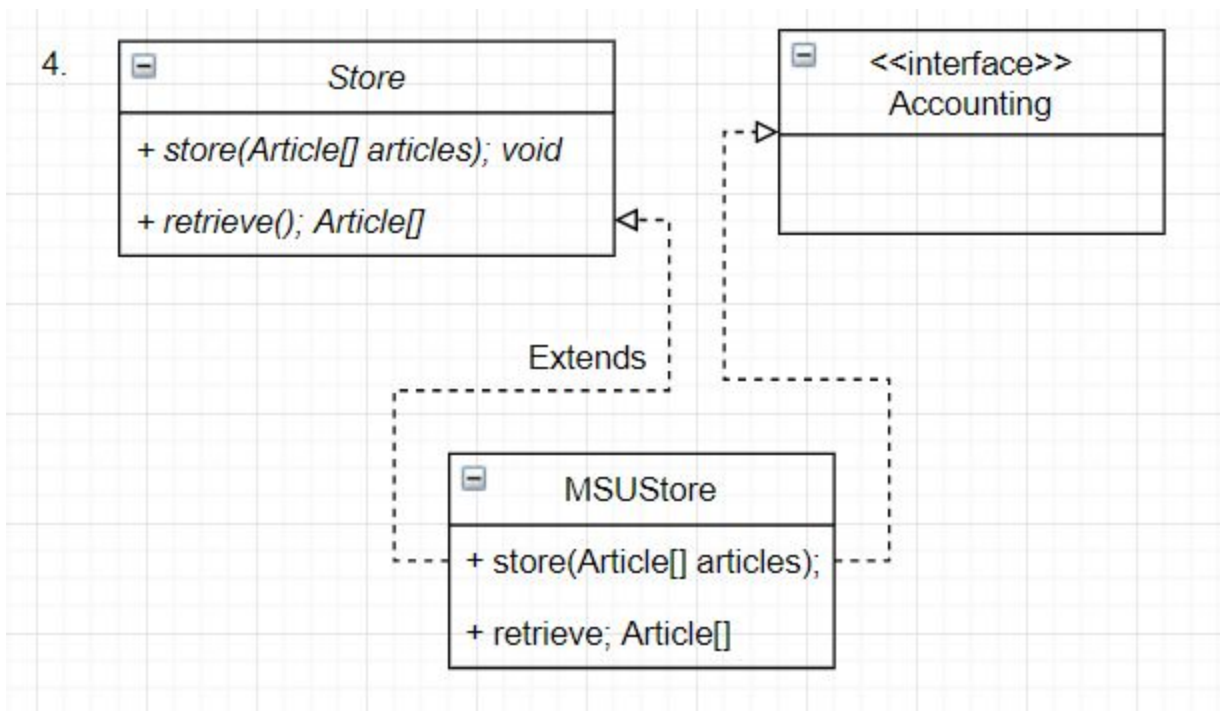
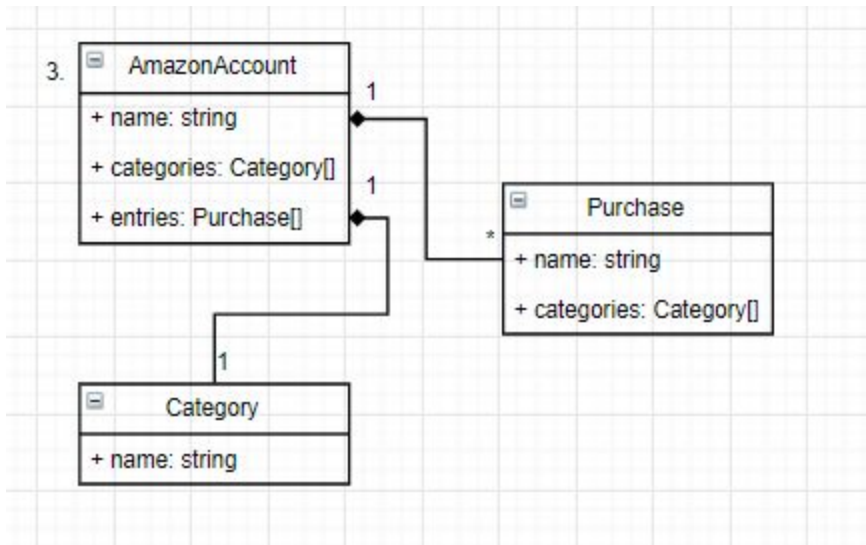


Alec VanderKolk
ESOF 322
Homework 1
9/12/19





5.

```

public class Company{
    private String[1] name;
    private Address[1] headquarters;
}
public abstract class Vehicle implements IRentable{
    ...
}
public class Truck extends Vehicle{
    private UnlimitedNatural[1] weight;
  
```

```

        private UnlimitedNatural[1] power;
        private String[1] manufacturer;
        private String[1] regNo;
    }
    public interface IRentable{
        public Boolean rent(){...};
    }
    public class Car extends Vehicle{
        private CarKind[1] kind;
        private UnlimitedNatural[1] noSeats;
        private UnlimitedNatural[1] power;
        private String[1] manufacturer;
        private String[1] regNo;
    }
    public class Motorbike extends Vehicle{
        private MbKind[1] kind;
        private UnlimitedNatural[1] cylinderCap;
        private UnlimitedNatural[1] power;
        private String[1] manufacturer;
        private String[1] regNo;
    }
    public abstract class Service{
        private Customer[1] customer;
    }
    public class VehicleRentalService extends Service{
        private Vehicle[1] vehicle;
        public Car offerCar(){...};
        public Motorbike offerMotorbike(){...};
        public Truck offerTruck(){...};
    }
    public abstract class Person{
        private String[1] name;
        private String[1] email;
    }
    public class Address{
        private String[1] street;
        private String[1] postalCode;
        private String[1] city;
    }
    public class bankAccount{
        private UnlimitedNatural[1] number;
        private String[1] depositor;
        private String[1] bank;
    }

```

}