Cam Alberghini

Part B Homework 1

public class Company{

private string name;

private Adress[] adress;

private List<Truck> trucks;

private List<Car> cars;

private List<Motorbike>

private vehicleRentalService rentalservice;

private List<Employee> workers;

private List<Customer> customers;

}

public abstract class Vehicle{

public string kind;

}

public abstract class Person{

public string name;

public string email;

public Address address;

}

public abstract class Service{

public Customer customer;

}

public interface IRentable{

public rent(Vehicle);

}

public class Address{

private string street;

private string postalCode;

private string city;

public class Employee extends Person{

private string name;

private name email;

}

public class Customer extends person{

private BankAccount bankAcct;

private Address adress;

private string name;

private name email;

}

public class BankAccount{

private int number;

private string depositor;

private string bank;

}

public class VehicleRentalService extends Service extends Vehicle implements IRentable{

private Vehicle vehicle;

public offerCar(){...}

public offerMotorbike(){...}

public offerTruck(){...}

}

public class Truck extends Vehicle implements IRentable{

private int weight;

private int power;

private string manufacurer;

private string regNo;

public rent(Vehicle){...}

}

public class SubContractor extends Employee extends Customer{

private BankAccount bankAcct;

private Address adress;

private string name;

private name email;

}

public class Car extends Vehicle implements IRentable{

private kind = Car;

private int noSeats

private int power

private string manufacurer;

private string regNo;

public rent(Vehicle){...}

}

public class Car extends Vehicle implements IRentable{

private kind = MbKind;

private int cylinderCap;

private int power;

private string manufacurer;

private string regNo;

public rent(Vehicle){...}

}