

```
package com.company;

//CHECK PG. 109-125
//we will recognise "UnlimitedNatural" as type double
public class Main {

    public static void main(String[] args) {
        // write your code here
    }

    public class Company
    {
        public String name;
        public Address headquarters;
        public Employee employee;
        public Customer customer;
        public VehicleRentalService service = new VehicleRentalService();
        public Truck truck;
        public Motorbike motorbike;
        public Car car;
    }

    public class Truck extends Vehicle
    {
        private String manufacturer;
        private double power;
        private double weight;
        private String regNo;
    }

    public class Car extends Vehicle
    {
        private CarKind kind;
        private int noSeats;
        private double power;
        private String manufactuer;
        private String regNo;

        public Car() {
        }
    }

    public class Vehicle implements Rentable
    {
    }
}
```

```
public class Motorbike extends Vehicle
{
    private MbKind kind;
    private double cylinderCap;
    private double power;
    private String manufacturer;
    private String regNo;
}
```

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

```
public class Person()
{
    private String name;
    private String email;
}
```

```
public class BankAccount()
{
    private double number;
    private String depositor;
    private String bank;
}
```

```
public class Service()
{
    private Customer customer;
}
```

```
public class Employee extends Person
{
}

}
```

```
public class Customer extends Person
{
    public BankAccount bankAccount = new BankAccount();
}
```

```
public class Subcontractor extends Employee
{
    // REMINDER to figure out Multiple inheritance situation
}
```

```
public class VehicleRentalService extends Service()
{
}
```

```
private Vehicle vehicle;  
offerCar(){}  
offerMotorbike(){}  
offerTruck(){}  
}
```

```
public class Address()  
{  
private String street;  
private String postalCode;  
private String city;  
}
```

```
}
```