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Source Code

```
package com.company;

public class CarRider {
    private String name;
    private int age;
    private String phone;

    public CarRider(String name, int age, String phone) {
        this.name = name;
        this.age = age;
        this.phone = phone;
    }

    public String getName() {
        return name;
    }

    public int getAge() {
        return age;
    }

    public String getPhone() {
        return phone;
    }
}
```

```
package com.company;

public class Car {
    private String carType;
    private String polNum;
    private String merk;
    private boolean status;

    public Car(String carType, String polNum, String merk, Boolean status) {
        this.carType = carType;
        this.polNum = polNum;
        this.merk = merk;
        this.status = status;
    }

    public String getCarType() {
        return carType;
    }

    public String getPolNum() {
        return polNum;
    }
}
```

```

    public String getMerk() {
        return merk;
    }

    public boolean isStatus() {
        return status;
    }

    public void setStatus(boolean status) {
        this.status = status;
    }
}

```

```

package com.company;

public class CarRent {
    private CarRider rider;
    private Car car;
    private int rentDur;

    public CarRent(CarRider rider, Car car, int rentDur) {
        this.rider = rider;
        this.car = car;
        this.rentDur = rentDur;
    }

    public CarRider getRider() {
        return rider;
    }

    public Car getCar() {
        return car;
    }

    public int getRentDur() {
        return rentDur;
    }
}

```

```

package com.company;

import java.util.ArrayList;

public class CarData {
    ArrayList<Car> carList = new ArrayList<>();

    public void addCar(String tipeMobil, String nopol, String merk) {
        carList.add(new Car(tipeMobil, nopol, merk, true));
    }

    public void listOfCar() {
        System.out.println("-----");
        System.out.println("          DAFTAR MOBIL");
        System.out.println("-----");

        for(Car data : carList) {
            System.out.println("TIPE MOBIL : " +data.getCarType());
        }
    }
}

```

```

        System.out.println("NO. POLISI : " +data.getPolNum());
        System.out.println("MERK MOBIL : " +data.getMerk());
        System.out.println("-----");
    }
    System.out.println("");
}
}

```

```

package com.company;

import java.util.ArrayList;

public class RentArchive {
    ArrayList<CarRent> rentData = new ArrayList<>();

    public void Rent(CarRider rider, Car car, int rentDur) {
        if(car.isStatus() == true) {
            rentData.add(new CarRent(rider, car, rentDur));
            System.out.println("MOBIL BERHASIL DISEWA");
            car.setStatus(false);
        } else{
            System.out.println("MAAF, MOBIL SUDAH DISEWA");
        }
    }

    public void info() {
        System.out.println("-----");
        System.out.println("        INFORMASI PELANGGAN");
        System.out.println("-----");

        for (CarRent data : rentData) {
            System.out.println("NAMA PEMINJAM : " +data.getRider().getName());
            System.out.println("TIPE MOBIL : " +data.getCar().getCarType());
            System.out.println("NO. POLISI : " +data.getCar().getPolNum());
            System.out.println("LAMA RENTAL : " +data.getRentDur());
            System.out.println("-----");
        }
    }
}

```

```

package com.company;

public class Main {

    public static void main(String[] args) {
        CarRider ming = new CarRider("Lin Ming", 19, "0800000000000");
        CarRider youhan = new CarRider("Bei Youhan", 20, "081111111111");
        CarRider ling = new CarRider("Ling'er", 31, "081222222222");
        CarRider fang = new CarRider("Fang Yin", 25, "085555555555");

        CarData data = new CarData();
        data.addCar("SUV", "N 1111 AB", "Honda");
        data.addCar("SPORT", "N 2222 AB", "SSC Tuatara");
        data.addCar("TRUCK", "N 3333 AB", "Suzuki");
        data.addCar("MPV", "N 4444 AB", "Toyota");

        data.listOfCar();
    }
}

```

```
RentArchive arsip = new RentArchive();
arsip.Rent(ming, data.carList.get(1), 9);
arsip.Rent(youhan, data.carList.get(0), 3);
arsip.Rent(ling, data.carList.get(1), 1);
arsip.Rent(fang, data.carList.get(0), 5);

System.out.println("");
arsip.info();
}
}
```

Screenshot Output

```
-----  
                        DAFTAR MOBIL  
-----  
TIPE MOBIL   : SUV  
NO. POLISI   : N 1111 AB  
MERK MOBIL   : Honda  
-----  
TIPE MOBIL   : SPORT  
NO. POLISI   : N 2222 AB  
MERK MOBIL   : SSC Tuatara  
-----  
TIPE MOBIL   : TRUCK  
NO. POLISI   : N 3333 AB  
MERK MOBIL   : Suzuki  
-----  
TIPE MOBIL   : MPV  
NO. POLISI   : N 4444 AB  
MERK MOBIL   : Toyota  
-----  
  
MOBIL BERHASIL DISEWA  
MOBIL BERHASIL DISEWA  
MAAF, MOBIL SUDAH DISEWA  
MAAF, MOBIL SUDAH DISEWA
```

```
-----  
                INFORMASI PELANGGAN  
-----  
NAMA PEMINJAM : Lin Ming  
TIPE MOBIL     : SPORT  
NO. POLISI     : N 2222 AB  
LAMA RENTAL    : 9  
-----  
NAMA PEMINJAM : Bei Youhan  
TIPE MOBIL     : SUV  
NO. POLISI     : N 1111 AB  
LAMA RENTAL    : 3  
-----
```