

Remidial Quiz 1

# Pemrograman Berbasis Objek



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## Studi Kasus : Pencucian Mobil

Class Service.java :

```
public class Service {  
    private String layanan;  
    private int harga;  
  
    Service(String layanan, int harga) {  
        this.layanan = layanan;  
        this.harga = harga;  
    }  
  
    public int gerHarga(){  
        return harga;  
    }  
  
    public String info(){  
        String info = "";  
        info += "Layanan yang diberikan : " +  
this.layanan + "\n";  
        info += "Harga : " + this.harga + "\n";  
        return info;  
    }  
}
```

Class Mobil.java :

```
public class Mobil {  
    private String jenis;  
    private int harga;  
    private String merk;  
  
    Mobil(String jenis, int harga, String merk) {  
        this.jenis = jenis;  
        this.harga = harga;  
        this.merk = merk;  
    }  
  
    public int getHarga() {  
        return harga;  
    }  
  
    public String info(){  
        String info = "";  
        info += "Jenis Mobil : " + this.jenis + "\n";  
        info += "Merk Mobil : " + this.merk + "\n";  
        info += "Harga : " + this.harga + "\n";  
        return info;  
    }  
}
```

Class Pegawai.java :

```
public class Pegawai {  
    private String nama;  
    private String pekerjaan;  
  
    Pegawai(String nama, String pekerjaan) {  
        this.nama = nama;  
        this.pekerjaan = pekerjaan;  
    }  
  
    public String info(){  
        String info = "";  
        info += "Nama : " + this.nama + "\n";  
        info += "Pekerjaan : " + this.pekerjaan + "\n";  
        return info;  
    }  
}
```

Class Transaksi.java :

```
public class Transaksi {  
    private Mobil mobil;  
    private Service service;  
    private Pegawai pegawai;  
  
    Transaksi(Mobil mobil, Service service, Pegawai pegawai) {  
        this.mobil = mobil;  
        this.service = service;  
        this.pegawai = pegawai;  
    }  
  
    public int totalBiaya(){  
        return service.getHarga() + mobil.getHarga();  
    }  
  
    public void print(){  
        System.out.println(pegawai.info());  
        System.out.println(mobil.info());  
        System.out.println(service.info());  
        System.out.println("Total Biaya : " + totalBiaya());  
    }  
}
```

Class Main.java :

```
public class Main {  
    public static void main(String[] args){  
        Service S = new Service("Cuci Wax", 100000);  
        Mobil M = new Mobil("Small", 100000, "Brio");  
        Pegawai P = new Pegawai("Robert", "Pencuci");  
        Transaksi T = new Transaksi(M, S, P);  
  
        T.print();  
    }  
}
```

Output :

```
: Output - RemidialQuiz1 (run)  
run:  
Nama Pegawai : Robert  
Pekerjaan : Pencuci  
  
Jenis Mobil : Small  
Merk Mobil : Brio  
Harga : 100000  
  
Layanan yang diberikan : Cuci Wax  
Harga : 100000  
  
Total Biaya : 200000  
BUILD SUCCESSFUL (total time: 0 seconds)
```

Class Diagram :

