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### Latihan 5.3.1 Overloading Constructor

#### 1. Memodifikasi contoh dengan menambah 3 parameter

```
package overloadingconstruction;

import java.util.Date;

public class OverloadingConstruction {
    int idUser = 0, Level=0;
    String Username;
    Date LastLogin;

    public OverloadingConstruction() {
    }

    public OverloadingConstruction(int iduser, String username) {
        this.idUser = iduser;
        this.Username = username;
        System.out.println(
            "ID User : " + this.idUser + "/n" +
            "Username : " + this.Username + "/n");
    }
}
```

```

public OverloadingConstruction(int iduser, int level){
    this.idUser = iduser;
    this.Level = level;
    System.out.println(
        "ID User:"+this.idUser+"\n"+
        "Level :"+this.Level+"\n");
}

public OverloadingConstruction(Date LastLogin, String username){
    this.LastLogin = LastLogin;
    this.Username = username;
    System.out.println(
        "Last Log In:"+this.LastLogin+"\n"+
        "Username :"+this.Username+"\n");
}

public OverloadingConstruction (int level, Date Lastlogin){
    this.Level =level;
    this.LastLogin = LastLogin;
    System.out.println(
        "Level :"+this.Level+"\n"+
        "Last Log In:"+this.LastLogin+"\n");
}

```

2. Membuat class baru dengan method main untuk membuat objek

```

package overloadingconstruction;

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;

public class OLPM {
    public static void main(String[] args) throws ParseException{

        OverloadingConstruction OC1 = new OverloadingConstruction();
        OverloadingConstruction OC2 = new OverloadingConstruction (153,"Ajul");
        OverloadingConstruction OC3 = new OverloadingConstruction (153, 2000);
        OverloadingConstruction OC4 = new OverloadingConstruction (new Date(), "Ajul");
        OverloadingConstruction OC5 = new OverloadingConstruction (2000, new Date());

    }
}

```

3. Membuat class baru CustomerData, menambah variabel yang diminta, lalu buat overloading Constructor.

```

/*
public class CustomerData {
    String nama, alamat, pekerjaan;
    Date tanggalLahir;
    int gaji;

    CustomerData(String namacus, String alamatcus, Date tanggalLahircus, String pekerjaancus, int gajicus){
        this.nama = namacus;
        this.alamat = alamatcus;
        this.tanggalLahir = tanggalLahircus;
        this.pekerjaan = pekerjaancus;
        this.gaji = gajicus;
        System.out.println(
            "Nama: "+this.nama+"\n"+
            "Alamat: "+this.alamat+"\n"+
            "Tanggal Lahir: "+this.tanggalLahir+"\n"+
            "Pekerjaan: "+this.pekerjaan+"\n"+
            "Gaji: "+this.gaji+"\n");
    }

    CustomerData(String pekerjaancus, int gajicus){
        this.pekerjaan = pekerjaancus;
        this.gaji = gajicus;
        System.out.println(
            "Nama: "+this.nama+"\n"+
            "Alamat: "+this.alamat+"\n"+
            "Tanggal Lahir: "+this.tanggalLahir+"\n"+
            "Pekerjaan: "+this.pekerjaan+"\n"+
            "Gaji: "+this.gaji+"\n");
    }
}

```

#### 4. Membuat class baru dengan method main dan membuat 10 objek dari class CustomerData.

```
*/  
public class AksesKonstructor {  
    public static void main(String[] args) throws ParseException{  
  
        CustomerData cd1 = new CustomerData("Salsa", "Madiun", new SimpleDateFormat("dd/mm/yyyy").parse("28/06/1999"), "Pelajar", 1500000);  
        CustomerData cd2 = new CustomerData("Pelajar", 1500000);  
        CustomerData cd3 = new CustomerData("Pelajar", 1500000);  
        CustomerData cd4 = new CustomerData("Kun", "Karanganyar", new SimpleDateFormat("dd/mm/yyyy").parse("17/03/1997"), "Pelajar", 1500000);  
        CustomerData cd5 = new CustomerData("Reza", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("30/03/1999"), "Pelajar", 1500000);  
        CustomerData cd6 = new CustomerData("Ayasha", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);  
        CustomerData cd7 = new CustomerData("Tino", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);  
        CustomerData cd8 = new CustomerData("Alvian", "Wonogiri", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);  
        CustomerData cd9 = new CustomerData("Pelajar", 1500000);  
        CustomerData cd10 = new CustomerData("Pelajar", 1500000);  
    }  
}
```