

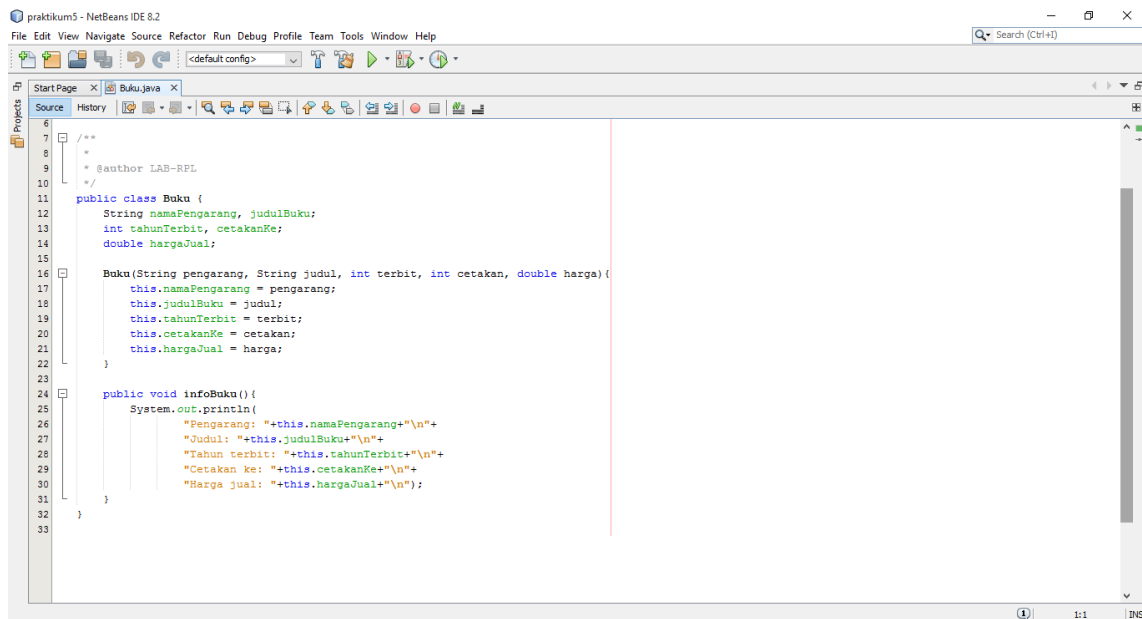
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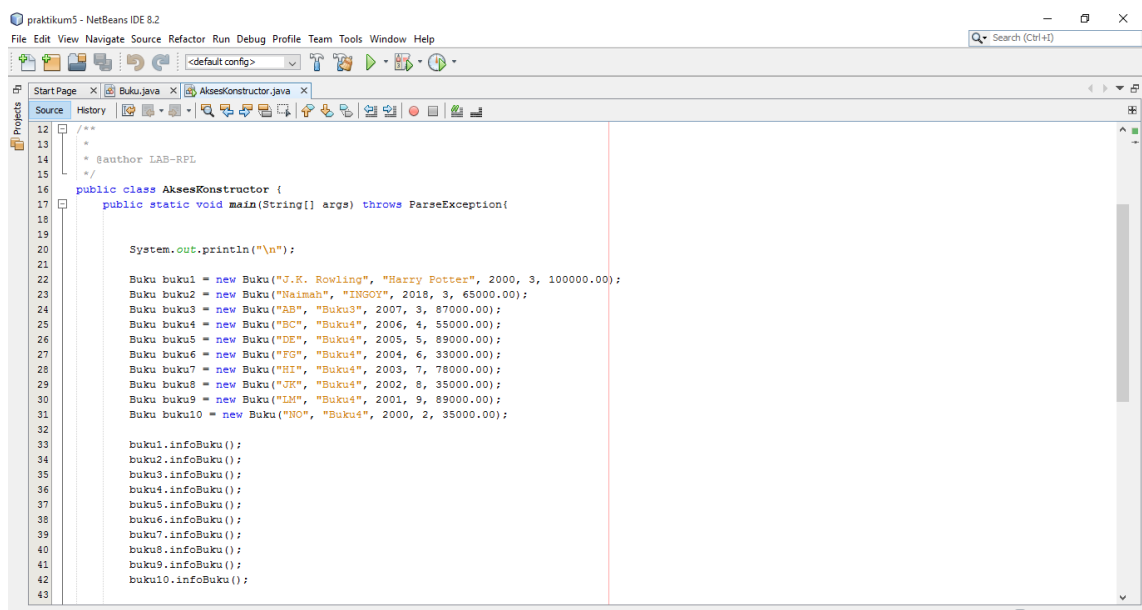
Kelas : C

## Latihan 5.2.1 Parameterized Constructor

1. Class Buku yang berisi konstruktor dan variabel-variabel yang diminta, serta method untuk menampilkan.

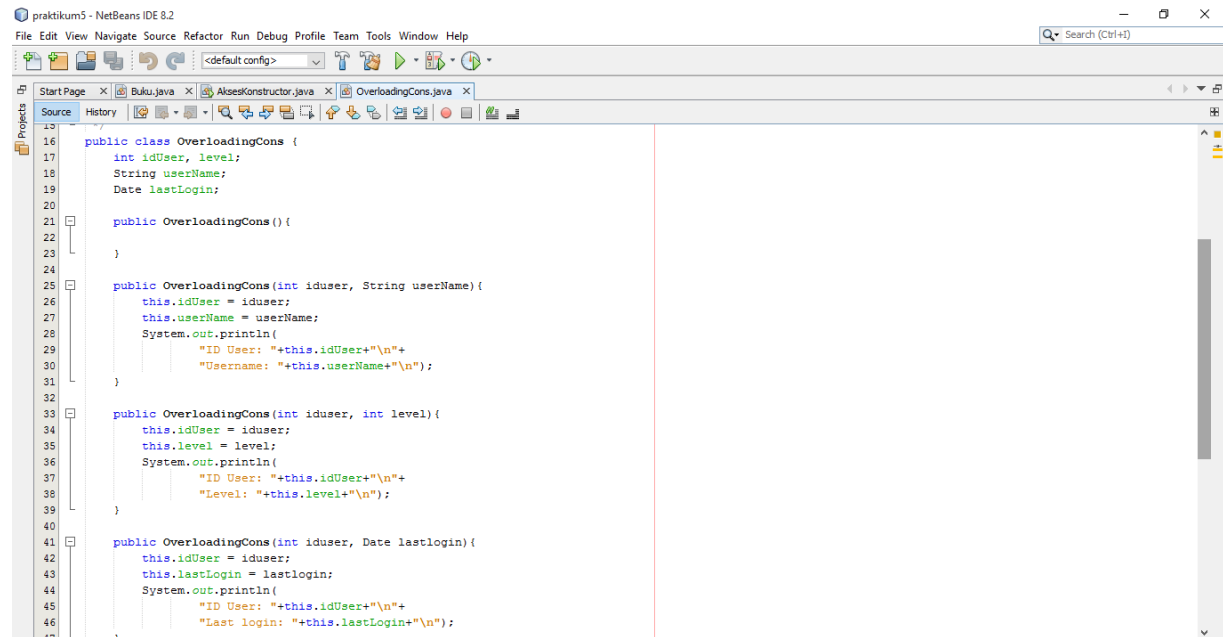


2. Pembuatan objek di dalam fungsi main

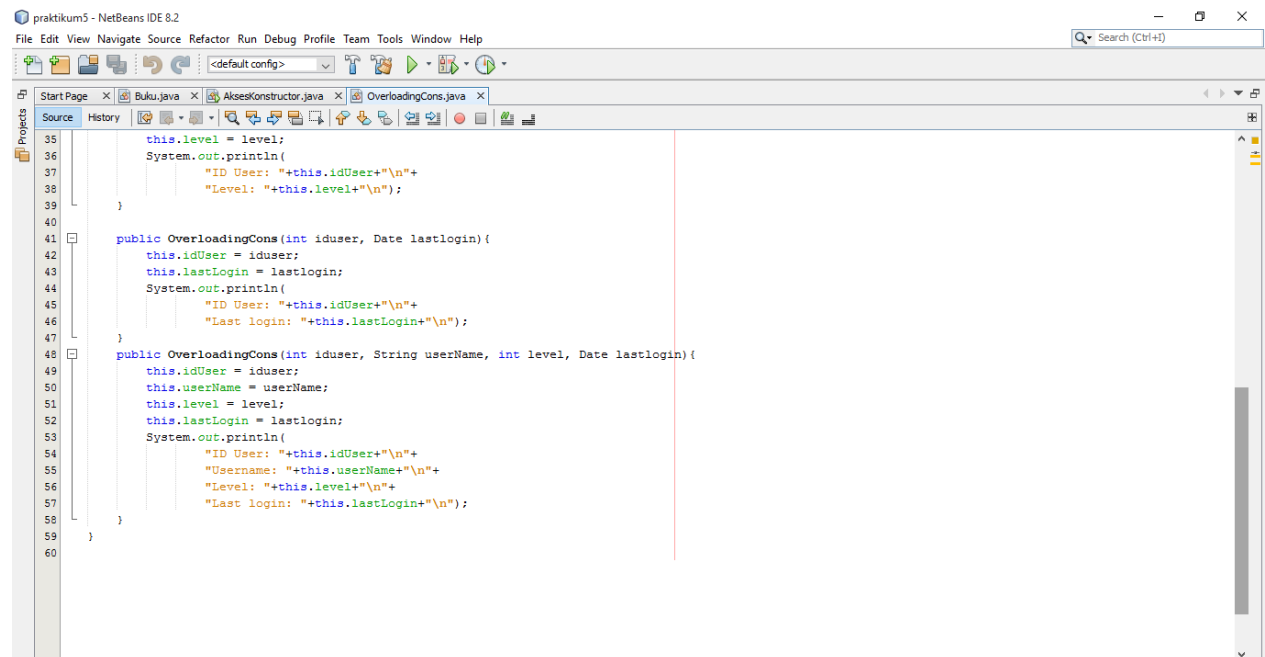


## Latihan 5.3.1 Overloading Constructor

### 1. Memodifikasi contoh dengan menambah 3 parameter

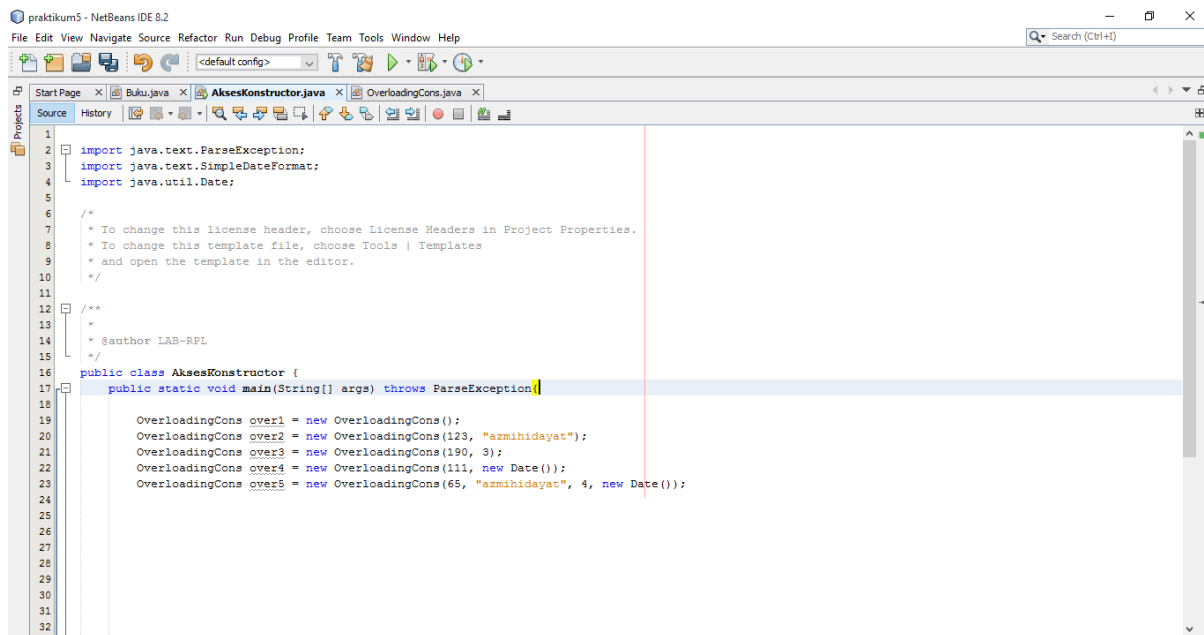


```
15
16 public class OverloadingCons {
17     int idUser, level;
18     String userName;
19     Date lastLogin;
20
21     public OverloadingCons() {
22     }
23
24     public OverloadingCons(int iduser, String userName) {
25         this.idUser = iduser;
26         this.userName = userName;
27         System.out.println(
28             "ID User: "+this.idUser+"\n"+
29             "Username: "+this.userName+"\n");
30     }
31
32     public OverloadingCons(int iduser, int level) {
33         this.idUser = iduser;
34         this.level = level;
35         System.out.println(
36             "ID User: "+this.idUser+"\n"+
37             "Level: "+this.level+"\n");
38     }
39
40     public OverloadingCons(int iduser, Date lastlogin) {
41         this.idUser = iduser;
42         this.lastLogin = lastlogin;
43         System.out.println(
44             "ID User: "+this.idUser+"\n"+
45             "Last login: "+this.lastLogin+"\n");
46     }
47 }
```



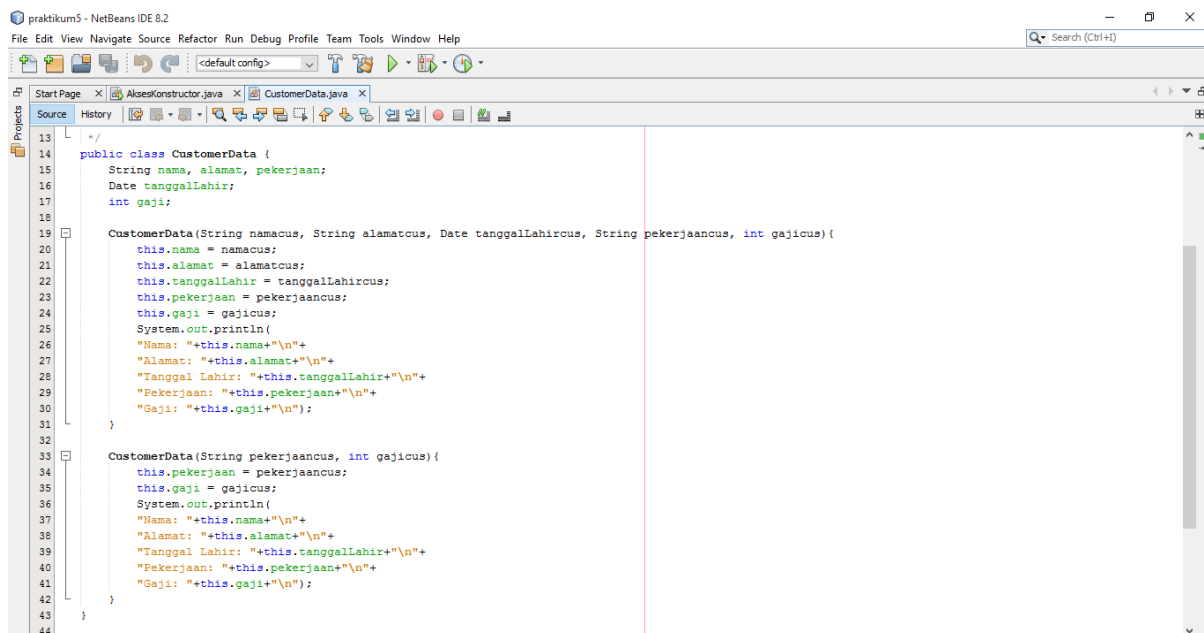
```
35     this.level = level;
36     System.out.println(
37         "ID User: "+this.idUser+"\n"+
38         "Level: "+this.level+"\n");
39 }
40
41 public OverloadingCons(int iduser, Date lastlogin) {
42     this.idUser = iduser;
43     this.lastLogin = lastlogin;
44     System.out.println(
45         "ID User: "+this.idUser+"\n"+
46         "Last login: "+this.lastLogin+"\n");
47 }
48
49 public OverloadingCons(int iduser, String userName, int level, Date lastlogin) {
50     this.idUser = iduser;
51     this.userName = userName;
52     this.level = level;
53     this.lastLogin = lastlogin;
54     System.out.println(
55         "ID User: "+this.idUser+"\n"+
56         "Username: "+this.userName+"\n"+
57         "Level: "+this.level+"\n"+
58         "Last login: "+this.lastLogin+"\n");
59 }
60 }
```

## 2. Membuat class baru dengan method main untuk membuat objek



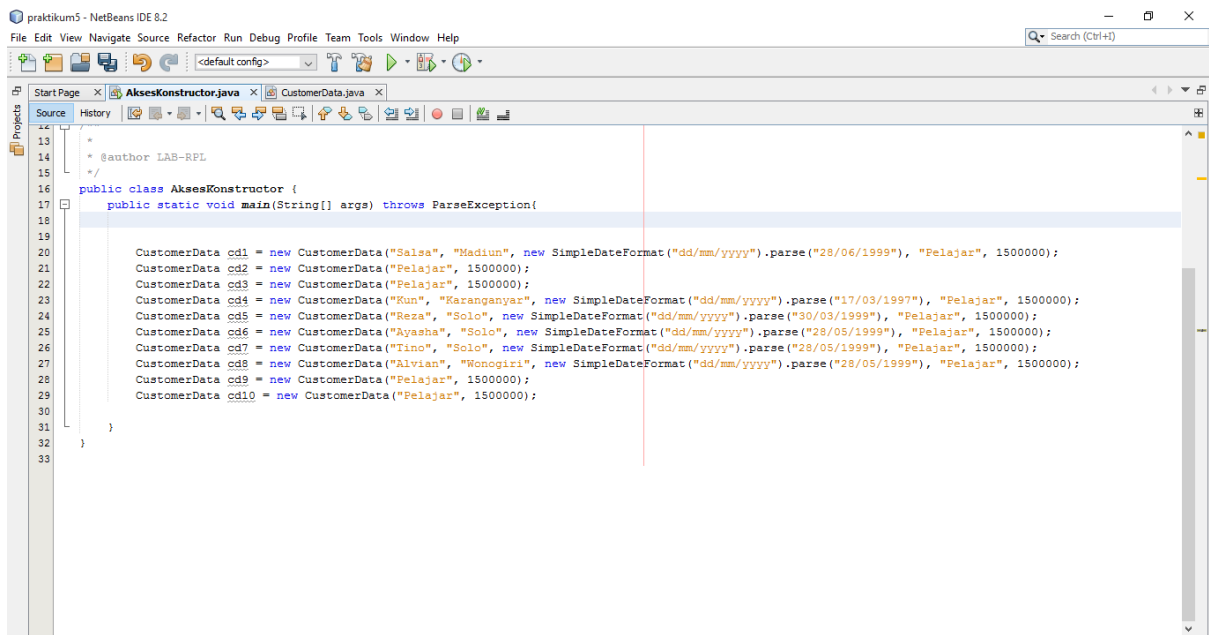
```
1 import java.text.ParseException;
2 import java.text.SimpleDateFormat;
3 import java.util.Date;
4
5
6 /*
7  * To change this license header, choose License Headers in Project Properties.
8  * To change this template file, choose Tools | Templates
9  * and open the template in the editor.
10 */
11
12 /**
13  *
14  * @author LAB-RPL
15  */
16 public class AksesKonstructor {
17     public static void main(String[] args) throws ParseException{
18
19         OverloadingCons over1 = new OverloadingCons();
20         OverloadingCons over2 = new OverloadingCons(123, "azmihidayat");
21         OverloadingCons over3 = new OverloadingCons(190, 3);
22         OverloadingCons over4 = new OverloadingCons(111, new Date());
23         OverloadingCons over5 = new OverloadingCons(65, "azmihidayat", 4, new Date());
24
25
26
27
28
29
30
31
32 }
```

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



```
13
14 public class CustomerData {
15     String nama, alamat, pekerjaan;
16     Date tanggalLahir;
17     int gaji;
18
19     CustomerData(String namacus, String alamatcus, Date tanggalLahircus, String pekerjaancus, int gajicus){
20         this.nama = namacus;
21         this.alamat = alamatcus;
22         this.tanggalLahir = tanggalLahircus;
23         this.pekerjaan = pekerjaancus;
24         this.gaji = gajicus;
25         System.out.println(
26             "Nama: "+this.nama+"\n"+
27             "Alamat: "+this.alamat+"\n"+
28             "Tanggal Lahir: "+this.tanggalLahir+"\n"+
29             "Pekerjaan: "+this.pekerjaan+"\n"+
30             "Gaji: "+this.gaji+"\n");
31     }
32
33     CustomerData(String pekerjaancus, int gajicus){
34         this.pekerjaan = pekerjaancus;
35         this.gaji = gajicus;
36         System.out.println(
37             "Nama: "+this.nama+"\n"+
38             "Alamat: "+this.alamat+"\n"+
39             "Tanggal Lahir: "+this.tanggalLahir+"\n"+
40             "Pekerjaan: "+this.pekerjaan+"\n"+
41             "Gaji: "+this.gaji+"\n");
42     }
43
44 }
```

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



```
13  *
14  * @author LAB-RPL
15  */
16  public class AkseKonstruktor {
17      public static void main(String[] args) throws ParseException{
18
19
20          CustomerData cd1 = new CustomerData("Salsa", "Madiun", new SimpleDateFormat("dd/mm/yyyy").parse("28/06/1999"), "Pelajar", 1500000);
21          CustomerData cd2 = new CustomerData("Pelajar", 1500000);
22          CustomerData cd3 = new CustomerData("Pelajar", 1500000);
23          CustomerData cd4 = new CustomerData("Run", "Karanganyar", new SimpleDateFormat("dd/mm/yyyy").parse("17/03/1997"), "Pelajar", 1500000);
24          CustomerData cd5 = new CustomerData("Reza", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("30/03/1999"), "Pelajar", 1500000);
25          CustomerData cd6 = new CustomerData("Ayasha", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
26          CustomerData cd7 = new CustomerData("Tino", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
27          CustomerData cd8 = new CustomerData("Alvian", "Wonogiri", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
28          CustomerData cd9 = new CustomerData("Pelajar", 1500000);
29          CustomerData cd10 = new CustomerData("Pelajar", 1500000);
30
31      }
32  }
33  }
```