

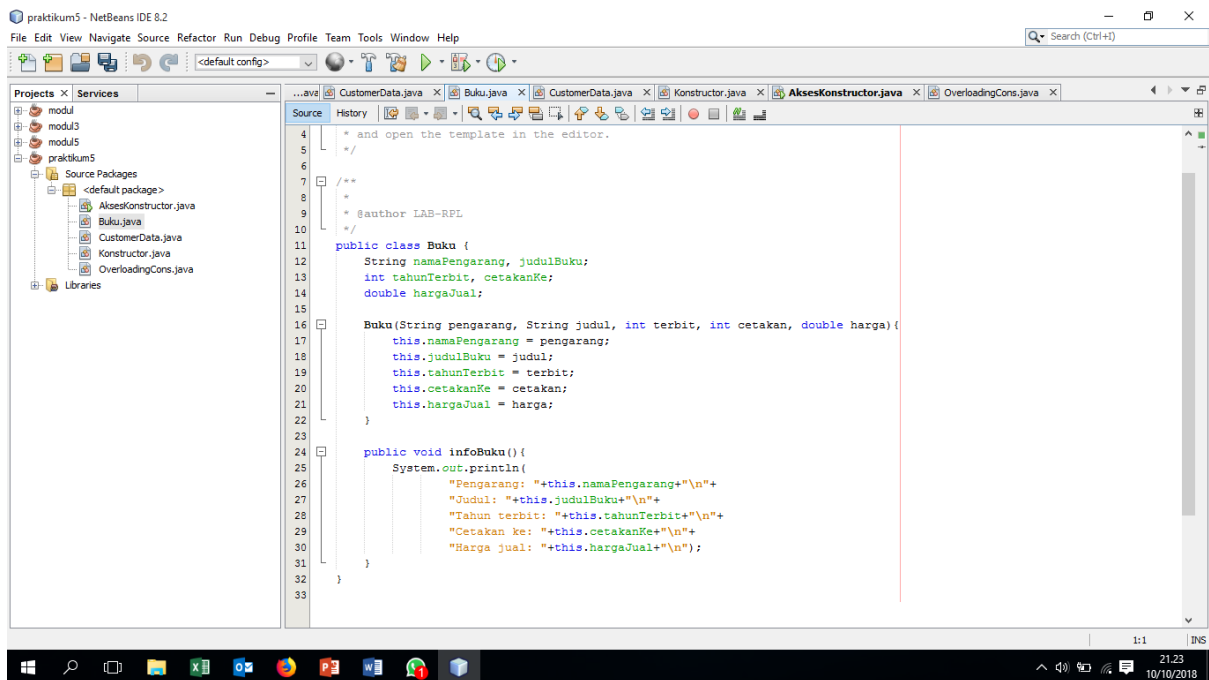
Nama : FEBRIANTO RIDWAN SYAH

NIM : L200170121

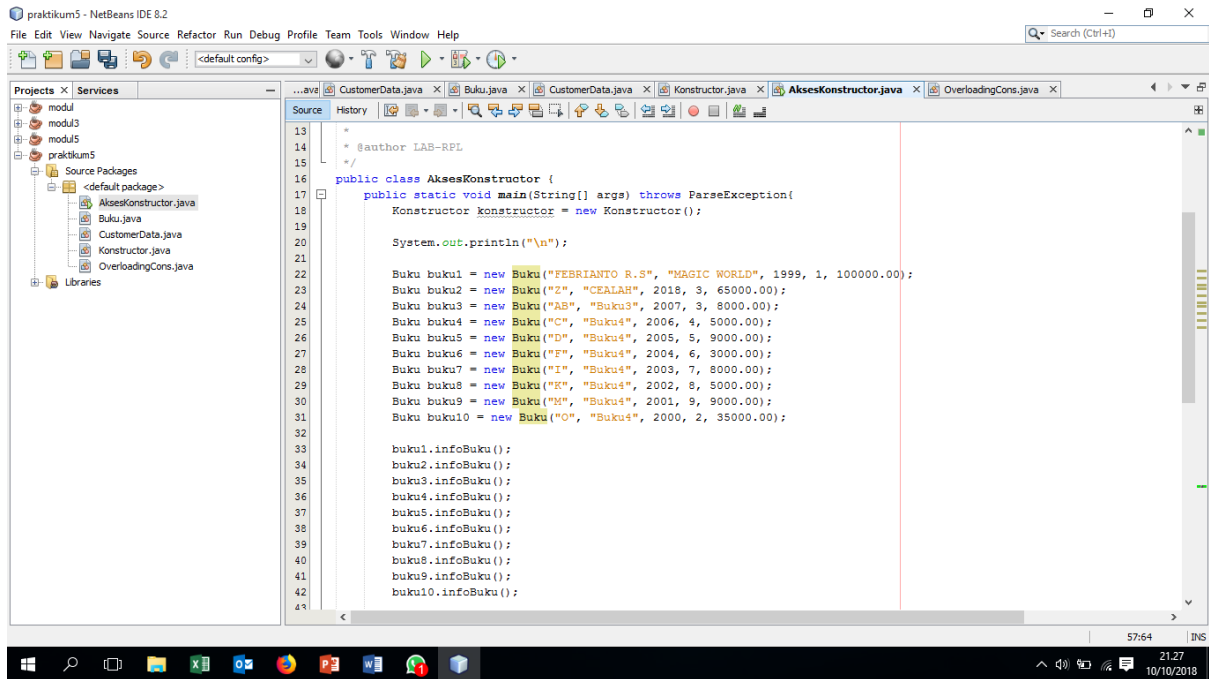
Kelas : C

## Latihan 5.2.1 Parameterized Constructor

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

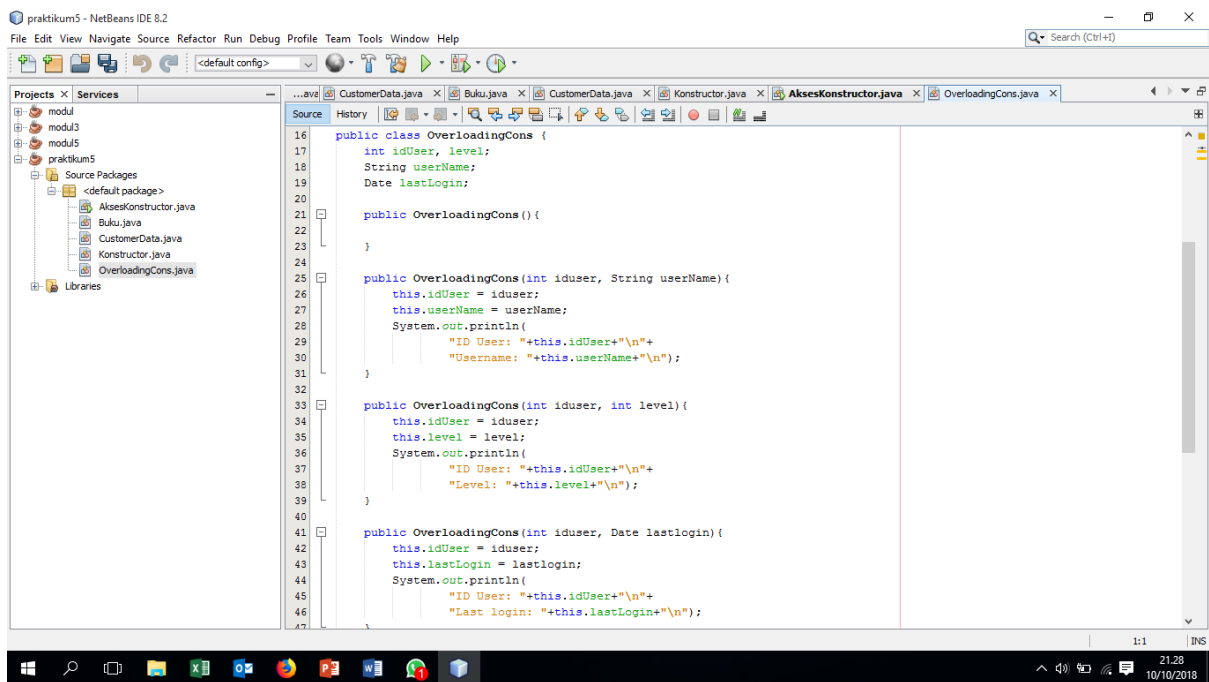


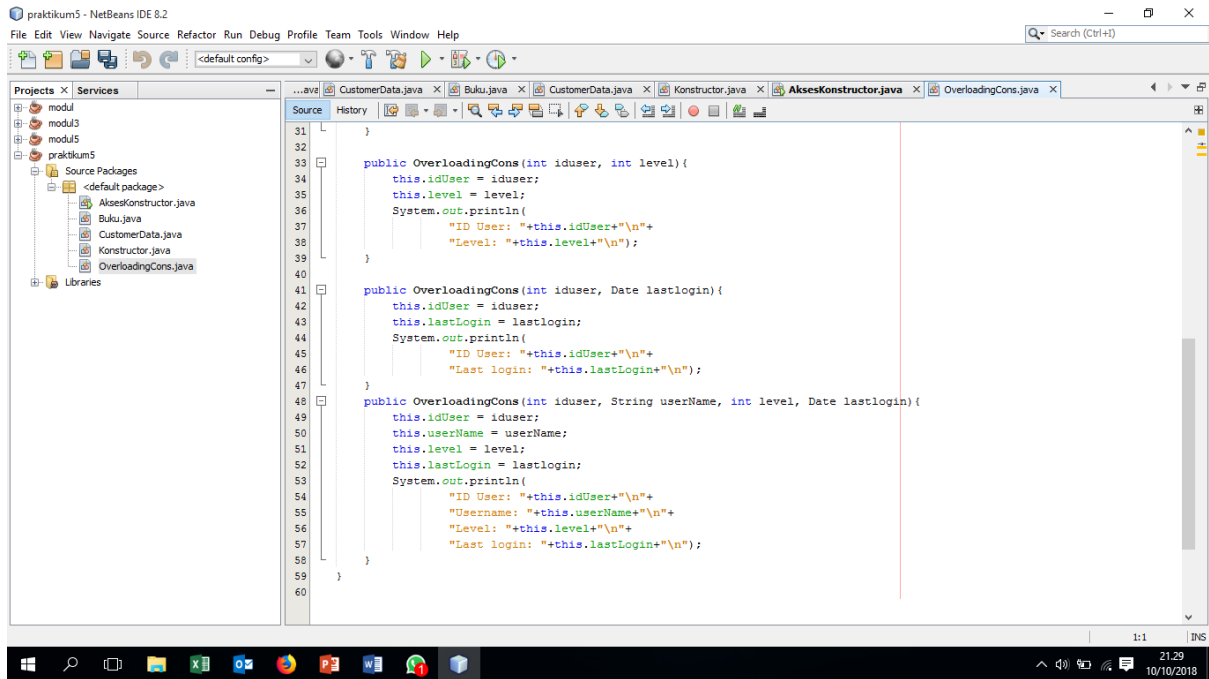
2. Pembuatan objek di dalam fungsi main



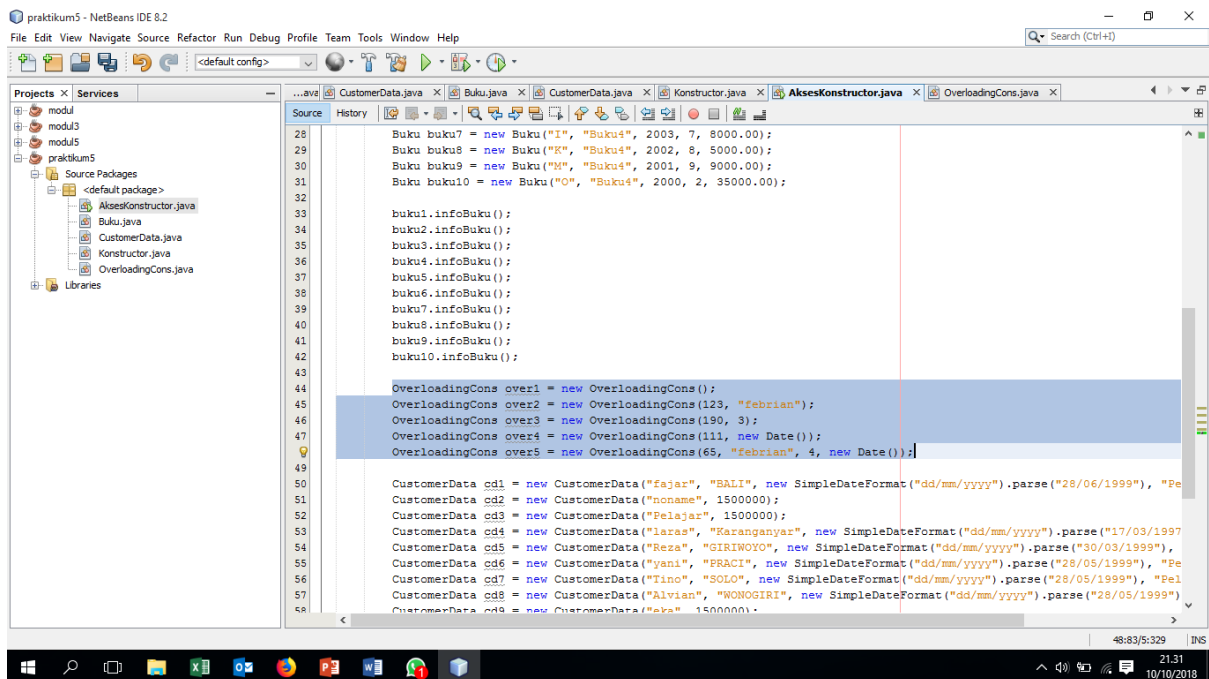
## Latihan 5.3.1 Overloading Constructor

### 1. Memodifikasi contoh dengan menambah 3 parameter

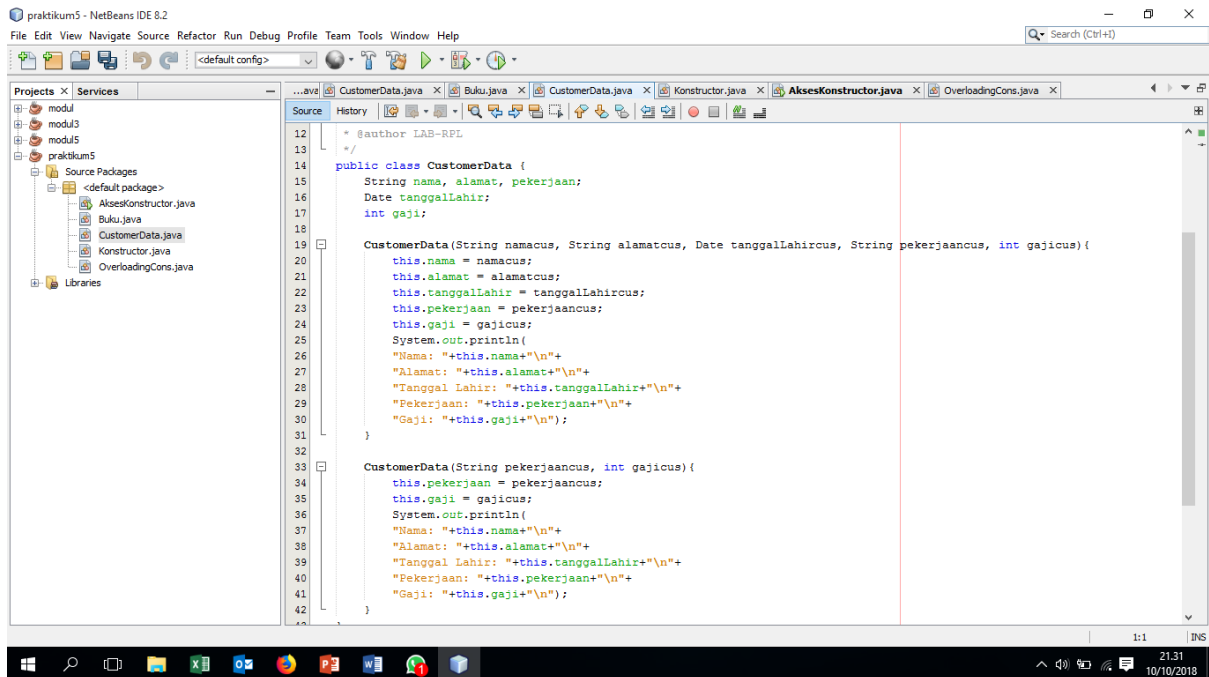




## 2. Membuat class baru dengan method main untuk membuat objek



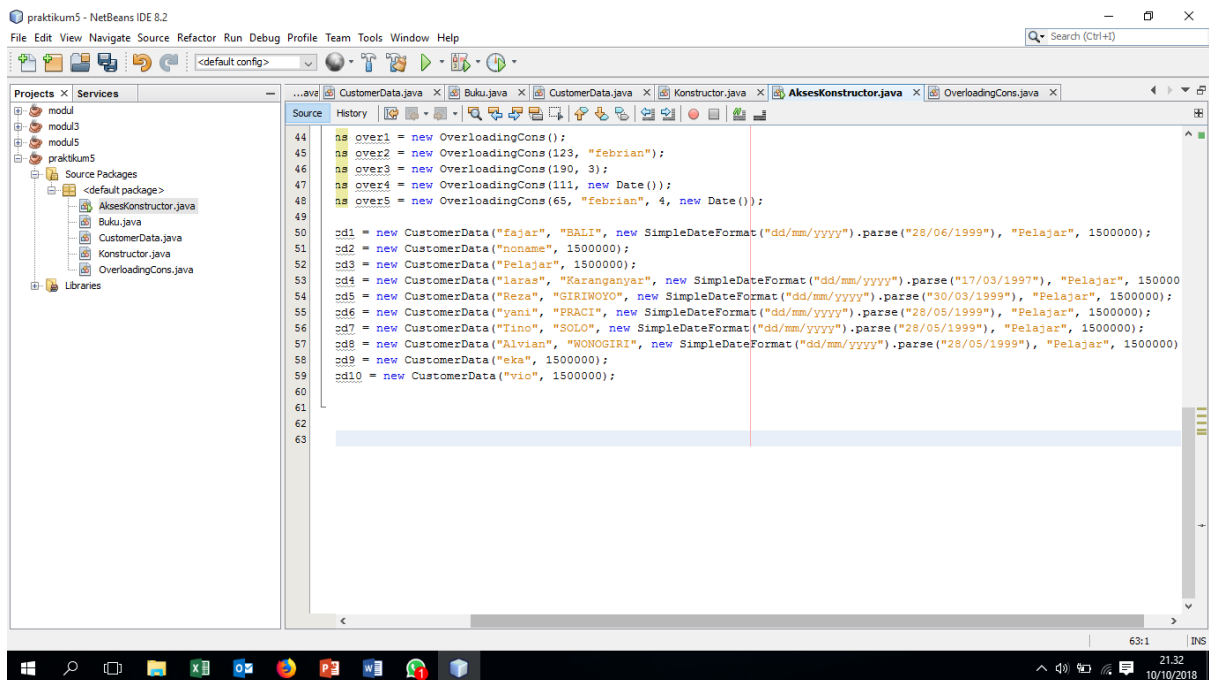
### 3. Membuat class baru CustomerData, menambah variabel yang diminta, lalu buat overloading Constructor.



The screenshot shows the NetBeans IDE with the `CustomerData` class open. The class has two overloaded constructors. The first constructor takes five parameters: `String nama`, `String alamat`, `Date tanggalLahir`, `String pekerjaan`, and `int gaji`. The second constructor takes two parameters: `String pekerjaan` and `int gaji`. Both constructors initialize the instance variables and print them out.

```
12  * @author LAB-RPL
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 pekerjaanancus, int gajicus) {
34          this.pekerjaan = pekerjaanancus;
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  }
```

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



The screenshot shows the NetBeans IDE with the `main` method of the `CustomerData` class. The method creates 10 objects of the `CustomerData` class using the overloaded constructors. The first five objects are created using the five-parameter constructor, and the last five are created using the two-parameter constructor.

```
44  over1 = new OverloadingCons();
45  over2 = new OverloadingCons(123, "febrina");
46  over3 = new OverloadingCons(190, 3);
47  over4 = new OverloadingCons(111, new Date());
48  over5 = new OverloadingCons(65, "febrina", 4, new Date());
49
50  cd1 = new CustomerData("fajar", "BALI", new SimpleDateFormat("dd/mm/yyyy").parse("28/06/1999"), "Pelajar", 1500000);
51  cd2 = new CustomerData("noname", 1500000);
52  cd3 = new CustomerData("Pelajar", 1500000);
53  cd4 = new CustomerData("laras", "Karanganyar", new SimpleDateFormat("dd/mm/yyyy").parse("17/03/1997"), "Pelajar", 150000);
54  cd5 = new CustomerData("Reza", "GIRIWOYO", new SimpleDateFormat("dd/mm/yyyy").parse("30/03/1999"), "Pelajar", 1500000);
55  cd6 = new CustomerData("yani", "PRACI", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
56  cd7 = new CustomerData("Tino", "SOLO", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
57  cd8 = new CustomerData("Alvian", "WONOGIRI", new SimpleDateFormat("dd/mm/yyyy").parse("28/05/1999"), "Pelajar", 1500000);
58  cd9 = new CustomerData("eka", 1500000);
59  cd10 = new CustomerData("vio", 1500000);
60
61
62
63
```

## HASIL KESELURUHAN

