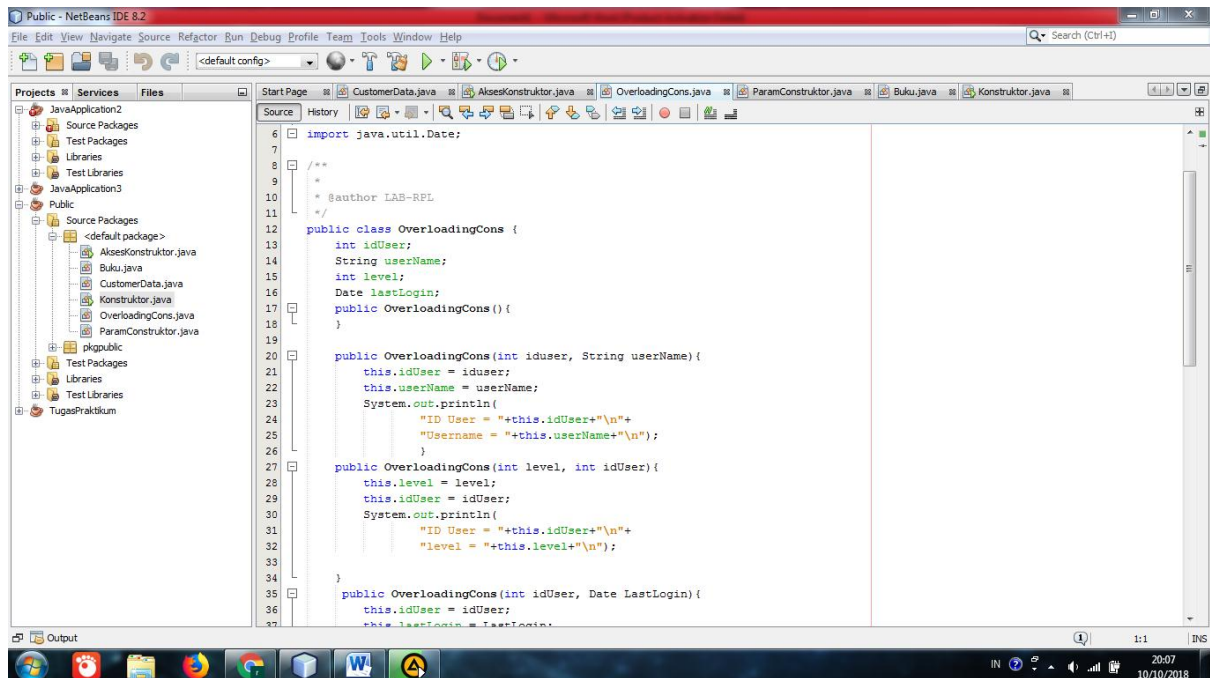


Nama : Rifqi Wirawan

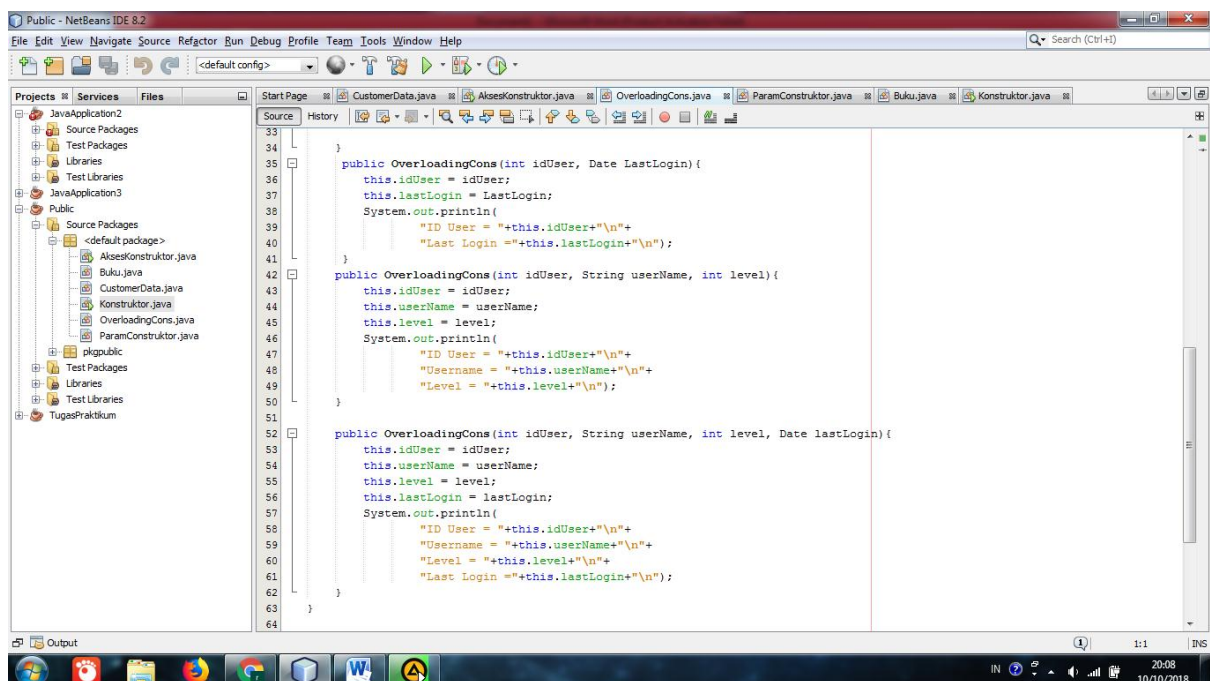
Kelas : C

NIM : L200170141

## Latihan Overloading Constructor

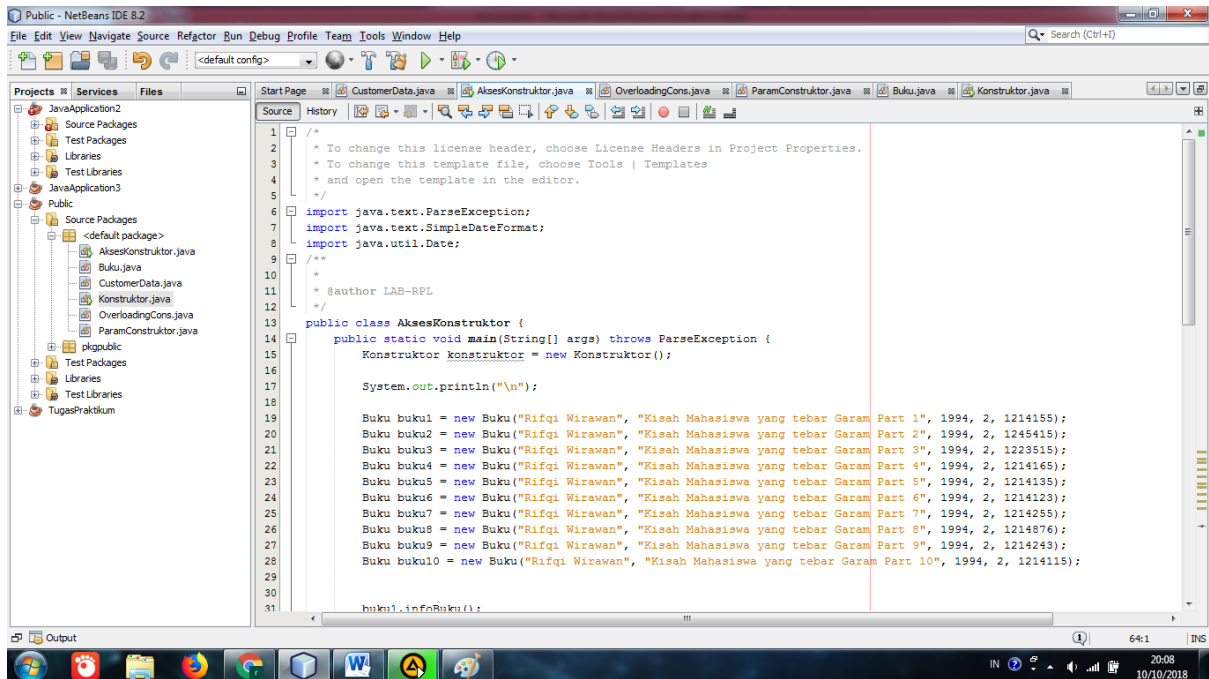


```
6 import java.util.Date;
7
8 /**
9  *
10  * @author LAB-RPL
11  */
12 public class OverloadingCons {
13     int idUser;
14     String userName;
15     int level;
16     Date lastLogin;
17     public OverloadingCons() {
18     }
19
20     public OverloadingCons(int iduser, String userName) {
21         this.idUser = iduser;
22         this.userName = userName;
23         System.out.println(
24             "ID User = "+this.idUser+"\n"+
25             "Username = "+this.userName+"\n");
26     }
27
28     public OverloadingCons(int level, int idUser) {
29         this.level = level;
30         this.idUser = idUser;
31         System.out.println(
32             "ID User = "+this.idUser+"\n"+
33             "level = "+this.level+"\n");
34     }
35
36     public OverloadingCons(int idUser, Date LastLogin) {
37         this.idUser = idUser;
38         this.lastLogin = LastLogin;
39     }
40 }
```

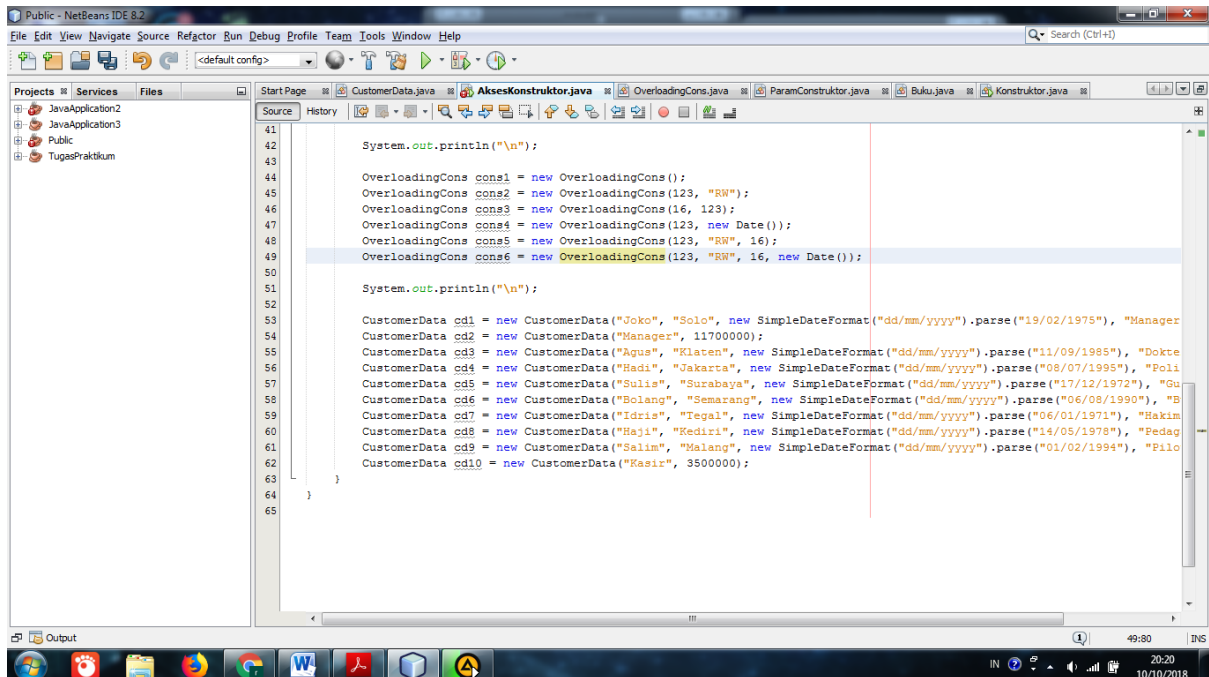


```
33
34
35     public OverloadingCons(int idUser, Date LastLogin) {
36         this.idUser = idUser;
37         this.lastLogin = LastLogin;
38         System.out.println(
39             "ID User = "+this.idUser+"\n"+
40             "Last Login = "+this.lastLogin+"\n");
41     }
42
43     public OverloadingCons(int idUser, String userName, int level) {
44         this.idUser = idUser;
45         this.userName = userName;
46         this.level = level;
47         System.out.println(
48             "ID User = "+this.idUser+"\n"+
49             "Username = "+this.userName+"\n"+
50             "Level = "+this.level+"\n");
51     }
52
53     public OverloadingCons(int idUser, String userName, int level, Date lastLogin) {
54         this.idUser = idUser;
55         this.userName = userName;
56         this.level = level;
57         this.lastLogin = lastLogin;
58         System.out.println(
59             "ID User = "+this.idUser+"\n"+
60             "Username = "+this.userName+"\n"+
61             "Level = "+this.level+"\n"+
62             "Last Login = "+this.lastLogin+"\n");
63     }
64 }
```

## Akses konstruktor :

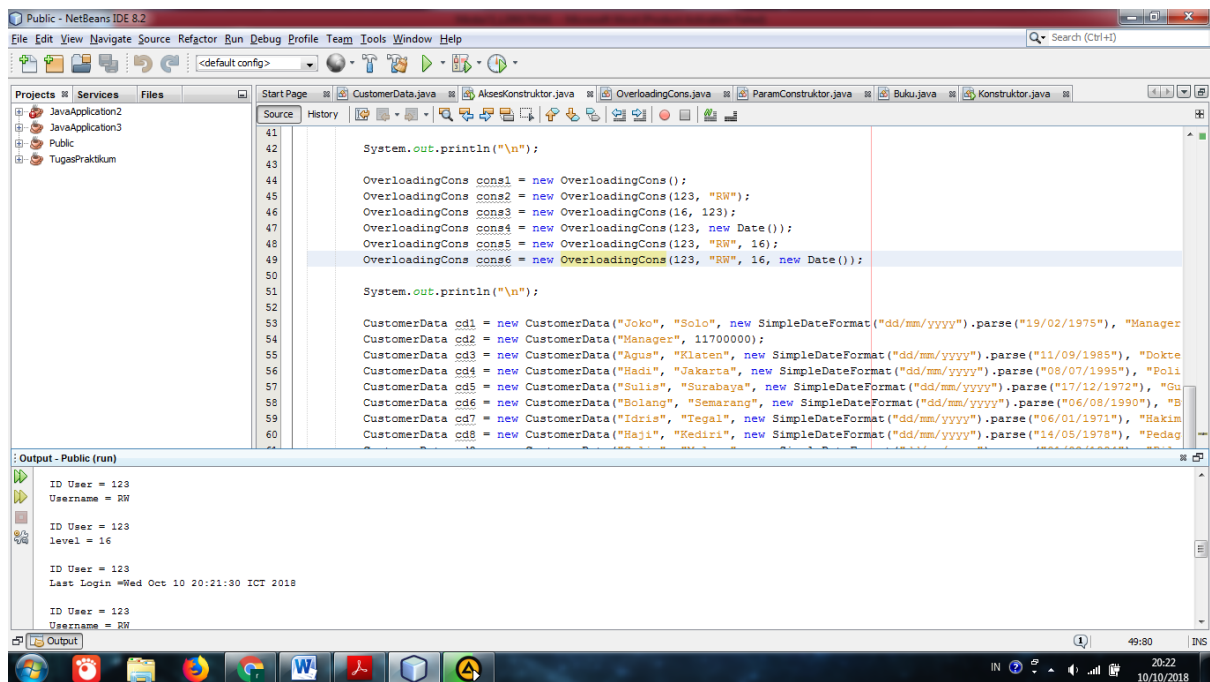


```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6  import java.text.ParseException;
7  import java.text.SimpleDateFormat;
8  import java.util.Date;
9
10 /*
11  * @author LAB-RPL
12  */
13 public class AksesKonstruktor {
14     public static void main(String[] args) throws ParseException {
15         Konstruktor konstruktor = new Konstruktor();
16
17         System.out.println("\n");
18
19         Buku buku1 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 1", 1994, 2, 1214155);
20         Buku buku2 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 2", 1994, 2, 1245415);
21         Buku buku3 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 3", 1994, 2, 1223515);
22         Buku buku4 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 4", 1994, 2, 1214165);
23         Buku buku5 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 5", 1994, 2, 1214135);
24         Buku buku6 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 6", 1994, 2, 1214123);
25         Buku buku7 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 7", 1994, 2, 1214255);
26         Buku buku8 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 8", 1994, 2, 1214876);
27         Buku buku9 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 9", 1994, 2, 1214243);
28         Buku buku10 = new Buku("Rifqi Wirawan", "Kisah Mahasiswa yang tebar Garam Part 10", 1994, 2, 1214115);
29
30         buku1.infoBuku();
31     }
32 }
```



```
41     System.out.println("\n");
42
43     OverloadingCons cons1 = new OverloadingCons();
44     OverloadingCons cons2 = new OverloadingCons(123, "RNN");
45     OverloadingCons cons3 = new OverloadingCons(16, 123);
46     OverloadingCons cons4 = new OverloadingCons(123, new Date());
47     OverloadingCons cons5 = new OverloadingCons(123, "RNN", 16);
48     OverloadingCons cons6 = new OverloadingCons(123, "RNN", 16, new Date());
49
50     System.out.println("\n");
51
52     CustomerData cd1 = new CustomerData("Joko", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("19/02/1975"), "Manager");
53     CustomerData cd2 = new CustomerData("Manager", 11700000);
54     CustomerData cd3 = new CustomerData("Agus", "Klaten", new SimpleDateFormat("dd/mm/yyyy").parse("11/09/1985"), "Dokter");
55     CustomerData cd4 = new CustomerData("Hadi", "Jakarta", new SimpleDateFormat("dd/mm/yyyy").parse("08/07/1995"), "Poli");
56     CustomerData cd5 = new CustomerData("Sulis", "Surabaya", new SimpleDateFormat("dd/mm/yyyy").parse("17/12/1972"), "Gu");
57     CustomerData cd6 = new CustomerData("Bolang", "Semarang", new SimpleDateFormat("dd/mm/yyyy").parse("06/08/1990"), "B");
58     CustomerData cd7 = new CustomerData("Idris", "Tegal", new SimpleDateFormat("dd/mm/yyyy").parse("06/01/1971"), "Hakim");
59     CustomerData cd8 = new CustomerData("Haji", "Kediri", new SimpleDateFormat("dd/mm/yyyy").parse("14/05/1978"), "Pedag");
60     CustomerData cd9 = new CustomerData("Salim", "Malang", new SimpleDateFormat("dd/mm/yyyy").parse("01/02/1994"), "Pilo");
61     CustomerData cd10 = new CustomerData("Kasir", 3500000);
62
63     }
64
65 }
```

Hasilnya :

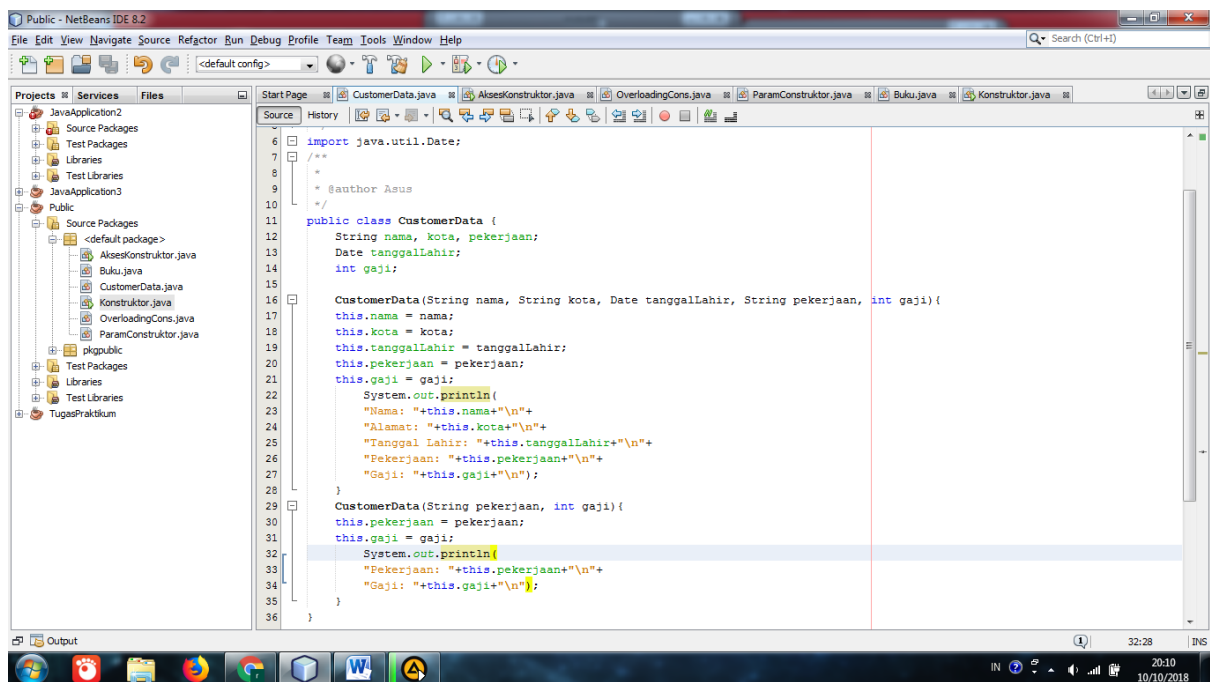


```
41
42
43     System.out.println("\n");
44
45     OverloadingCons cons1 = new OverloadingCons();
46     OverloadingCons cons2 = new OverloadingCons(123, "RW");
47     OverloadingCons cons3 = new OverloadingCons(16, 123);
48     OverloadingCons cons4 = new OverloadingCons(123, new Date());
49     OverloadingCons cons5 = new OverloadingCons(123, "RW", 16);
50     OverloadingCons cons6 = new OverloadingCons(123, "RW", 16, new Date());
51
52     System.out.println("\n");
53
54     CustomerData cd1 = new CustomerData("Joko", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("19/02/1975"), "Manager");
55     CustomerData cd2 = new CustomerData("Manager", 11700000);
56     CustomerData cd3 = new CustomerData("Agus", "Klaten", new SimpleDateFormat("dd/mm/yyyy").parse("11/09/1985"), "Dokter");
57     CustomerData cd4 = new CustomerData("Hadi", "Jakarta", new SimpleDateFormat("dd/mm/yyyy").parse("08/07/1995"), "Poli");
58     CustomerData cd5 = new CustomerData("Sulis", "Surabaya", new SimpleDateFormat("dd/mm/yyyy").parse("17/12/1972"), "Gu");
59     CustomerData cd6 = new CustomerData("Bolang", "Semarang", new SimpleDateFormat("dd/mm/yyyy").parse("06/08/1990"), "B");
60     CustomerData cd7 = new CustomerData("Idris", "Tegal", new SimpleDateFormat("dd/mm/yyyy").parse("06/01/1971"), "Hakim");
61     CustomerData cd8 = new CustomerData("Haji", "Kediri", new SimpleDateFormat("dd/mm/yyyy").parse("14/05/1978"), "Pedagang");
```

Output - Public (run)

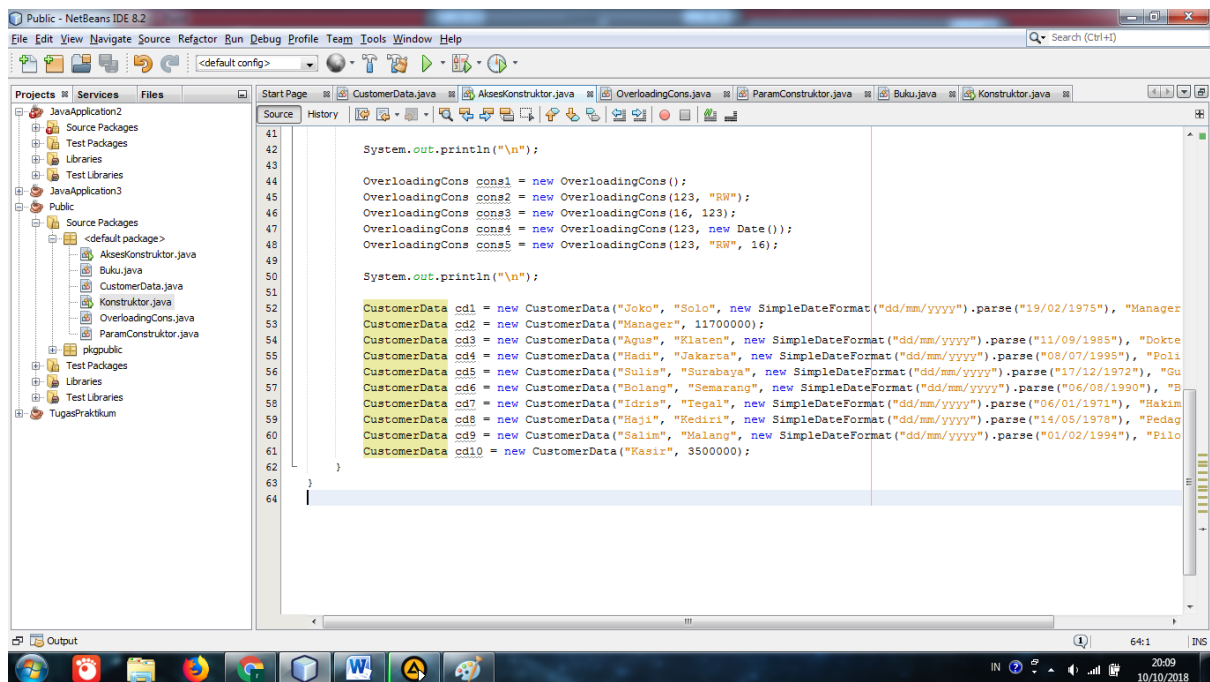
```
ID User = 123
Username = RW
ID User = 123
Level = 16
ID User = 123
Last Login = Wed Oct 10 20:11:30 ICT 2018
ID User = 123
Username = RW
```

## Latihan Customer Data



```
6 import java.util.Date;
7 /**
8  *
9  * @author Asus
10 */
11 public class CustomerData {
12     String nama, kota, pekerjaan;
13     Date tanggalLahir;
14     int gaji;
15
16     CustomerData(String nama, String kota, Date tanggalLahir, String pekerjaan, int gaji) {
17         this.nama = nama;
18         this.kota = kota;
19         this.tanggalLahir = tanggalLahir;
20         this.pekerjaan = pekerjaan;
21         this.gaji = gaji;
22         System.out.println(
23             "Nama: "+this.nama+"\n"+
24             "Alamat: "+this.kota+"\n"+
25             "Tanggal Lahir: "+this.tanggalLahir+"\n"+
26             "Pekerjaan: "+this.pekerjaan+"\n"+
27             "Gaji: "+this.gaji+"\n");
28     }
29     CustomerData(String pekerjaan, int gaji) {
30         this.pekerjaan = pekerjaan;
31         this.gaji = gaji;
32         System.out.println(
33             "Pekerjaan: "+this.pekerjaan+"\n"+
34             "Gaji: "+this.gaji+"\n");
35     }
36 }
```

## Akses Konstruktor:



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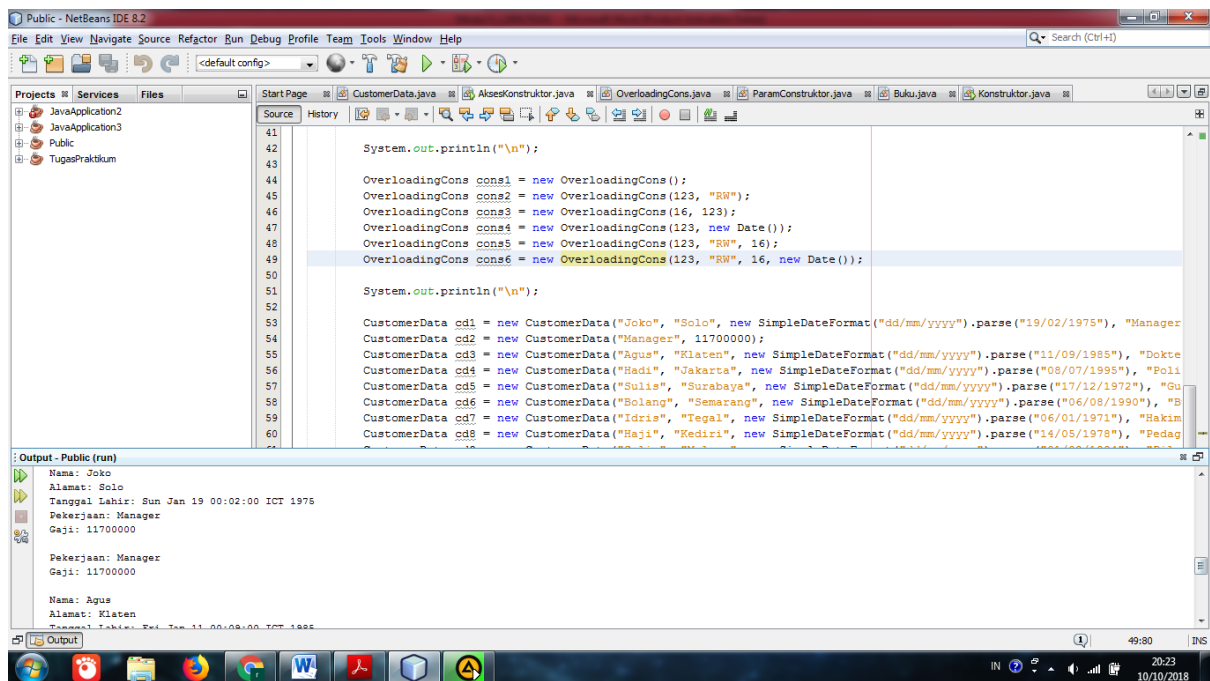
System.out.println("\n");

OverloadingCons cons1 = new OverloadingCons();
OverloadingCons cons2 = new OverloadingCons(123, "RW");
OverloadingCons cons3 = new OverloadingCons(16, 123);
OverloadingCons cons4 = new OverloadingCons(123, new Date());
OverloadingCons cons5 = new OverloadingCons(123, "RW", 16);

System.out.println("\n");

CustomerData cd1 = new CustomerData("Joko", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("19/02/1975"), "Manager", 11700000);
CustomerData cd2 = new CustomerData("Manager", 11700000);
CustomerData cd3 = new CustomerData("Agus", "Klaten", new SimpleDateFormat("dd/mm/yyyy").parse("11/09/1985"), "Dokter", 11700000);
CustomerData cd4 = new CustomerData("Hadi", "Jakarta", new SimpleDateFormat("dd/mm/yyyy").parse("08/07/1995"), "Poli", 11700000);
CustomerData cd5 = new CustomerData("Sulis", "Surabaya", new SimpleDateFormat("dd/mm/yyyy").parse("17/12/1972"), "Gu", 11700000);
CustomerData cd6 = new CustomerData("Bolang", "Semarang", new SimpleDateFormat("dd/mm/yyyy").parse("06/08/1990"), "B", 11700000);
CustomerData cd7 = new CustomerData("Idris", "Tegal", new SimpleDateFormat("dd/mm/yyyy").parse("06/01/1971"), "Rakim", 11700000);
CustomerData cd8 = new CustomerData("Haji", "Kediri", new SimpleDateFormat("dd/mm/yyyy").parse("14/05/1978"), "Pedag", 11700000);
CustomerData cd9 = new CustomerData("Salim", "Malang", new SimpleDateFormat("dd/mm/yyyy").parse("01/02/1994"), "Pilo", 11700000);
CustomerData cd10 = new CustomerData("Kasir", 3500000);
```

## Hasilnya :



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System.out.println("\n");

OverloadingCons cons1 = new OverloadingCons();
OverloadingCons cons2 = new OverloadingCons(123, "RW");
OverloadingCons cons3 = new OverloadingCons(16, 123);
OverloadingCons cons4 = new OverloadingCons(123, new Date());
OverloadingCons cons5 = new OverloadingCons(123, "RW", 16);
OverloadingCons cons6 = new OverloadingCons(123, "RW", 16, new Date());

System.out.println("\n");

CustomerData cd1 = new CustomerData("Joko", "Solo", new SimpleDateFormat("dd/mm/yyyy").parse("19/02/1975"), "Manager", 11700000);
CustomerData cd2 = new CustomerData("Manager", 11700000);
CustomerData cd3 = new CustomerData("Agus", "Klaten", new SimpleDateFormat("dd/mm/yyyy").parse("11/09/1985"), "Dokter", 11700000);
CustomerData cd4 = new CustomerData("Hadi", "Jakarta", new SimpleDateFormat("dd/mm/yyyy").parse("08/07/1995"), "Poli", 11700000);
CustomerData cd5 = new CustomerData("Sulis", "Surabaya", new SimpleDateFormat("dd/mm/yyyy").parse("17/12/1972"), "Gu", 11700000);
CustomerData cd6 = new CustomerData("Bolang", "Semarang", new SimpleDateFormat("dd/mm/yyyy").parse("06/08/1990"), "B", 11700000);
CustomerData cd7 = new CustomerData("Idris", "Tegal", new SimpleDateFormat("dd/mm/yyyy").parse("06/01/1971"), "Rakim", 11700000);
CustomerData cd8 = new CustomerData("Haji", "Kediri", new SimpleDateFormat("dd/mm/yyyy").parse("14/05/1978"), "Pedag", 11700000);
CustomerData cd9 = new CustomerData("Salim", "Malang", new SimpleDateFormat("dd/mm/yyyy").parse("01/02/1994"), "Pilo", 11700000);
CustomerData cd10 = new CustomerData("Kasir", 3500000);
```

Output - Public (run)

```
Nama: Joko
Alamat: Solo
Tanggal lahir: Sun Jan 19 00:02:00 ICT 1975
Pekerjaan: Manager
Gaji: 11700000

Pekerjaan: Manager
Gaji: 11700000

Nama: Agus
Alamat: Klaten
Tanggal lahir: Fri Jan 11 00:08:00 ICT 1985
```