

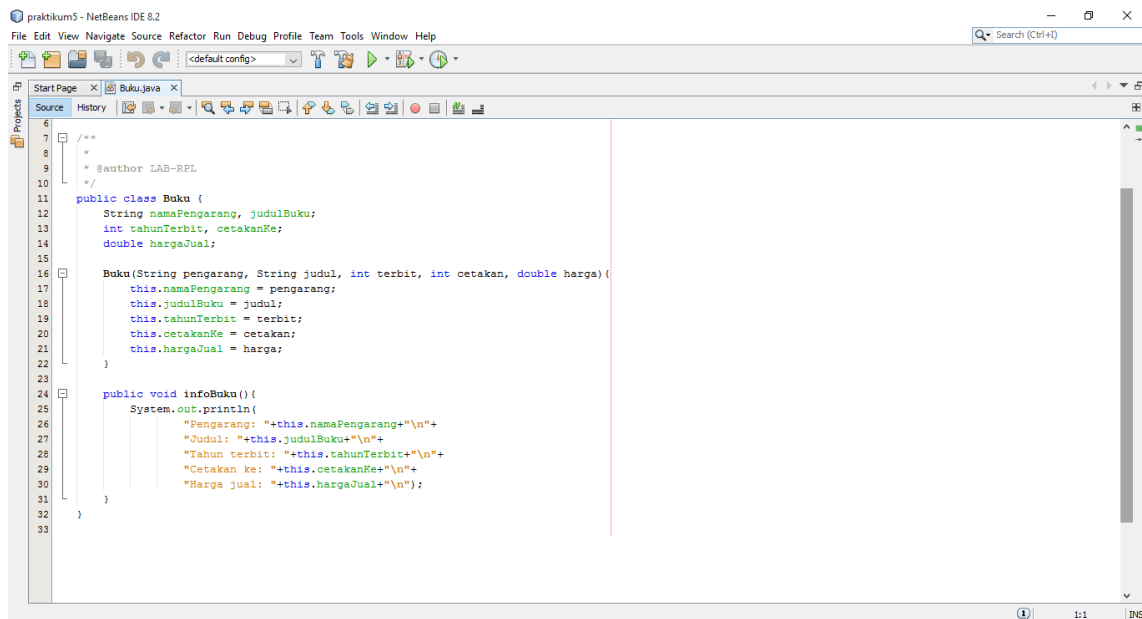
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Kelas : C

Latihan 5.2.1 Parameterized Constructor

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

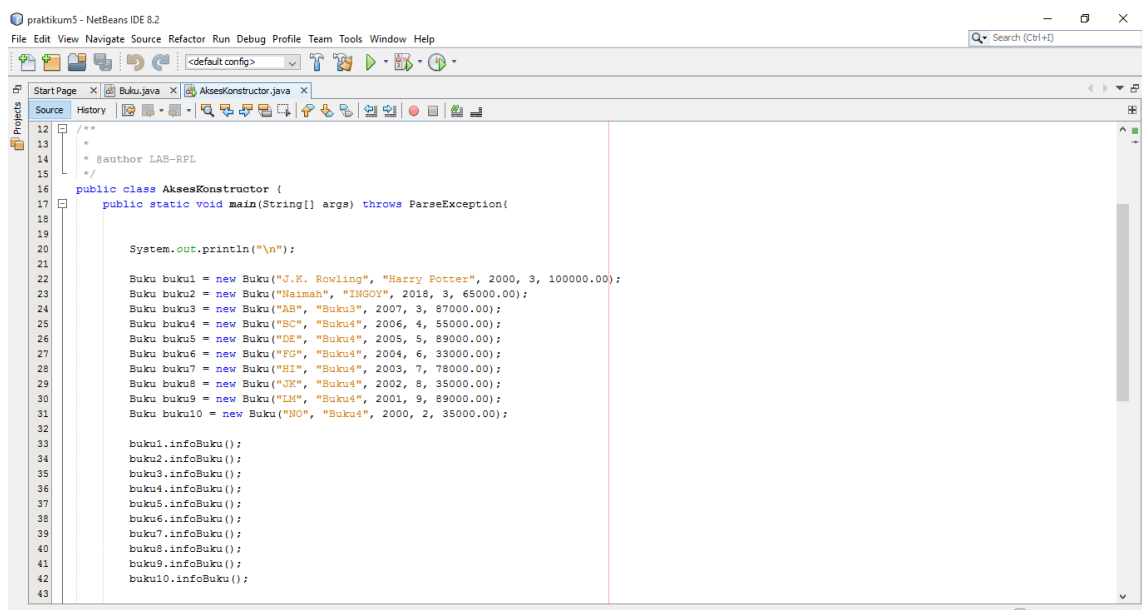


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Source History

6
7 /**
8  *
9  * @author LAB-RPL
10 */
11 public class Buku {
12     String namaPengarang, judulBuku;
13     int tahunTerbit, cetakanKe;
14     double hargaJual;
15
16     Buku(String pengarang, String judul, int terbit, int cetakan, double harga){
17         this.namaPengarang = pengarang;
18         this.judulBuku = judul;
19         this.tahunTerbit = terbit;
20         this.cetakanKe = cetakan;
21         this.hargaJual = harga;
22     }
23
24     public void infoBuku(){
25         System.out.println(
26             "Pengarang: "+this.namaPengarang+"\n"+
27             "Judul: "+this.judulBuku+"\n"+
28             "Tahun terbit: "+this.tahunTerbit+"\n"+
29             "Cetakan Ke: "+this.cetakanKe+"\n"+
30             "Harga jual: "+this.hargaJual+"\n");
31     }
32 }
33
```

2. Pembuatan objek di dalam fungsi main



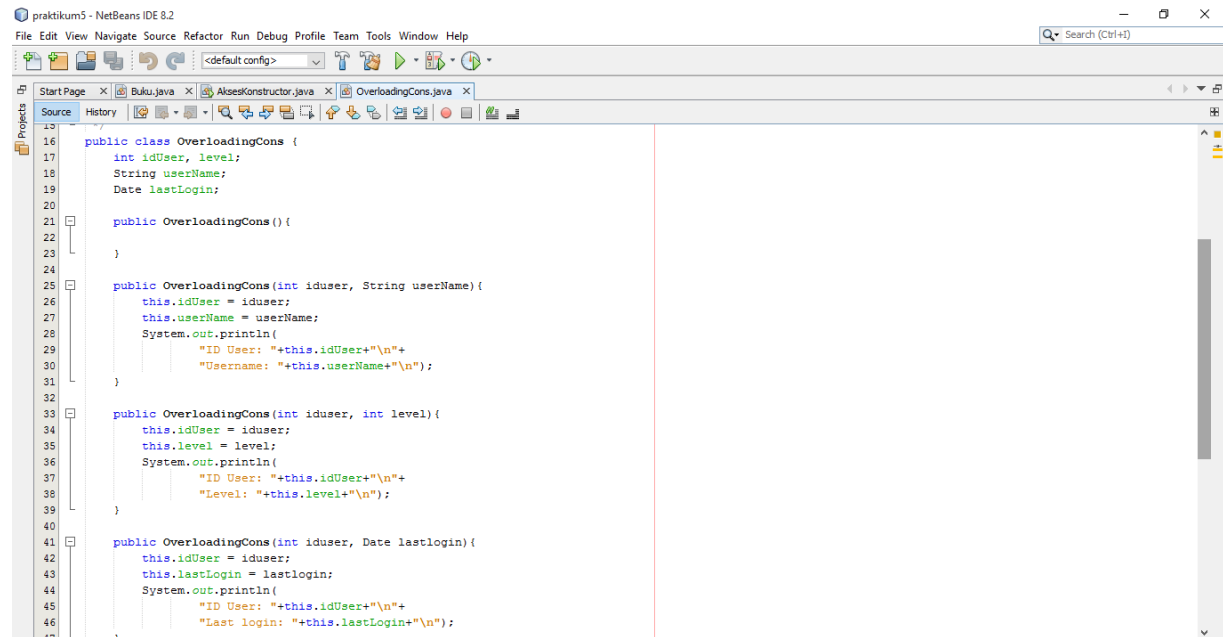
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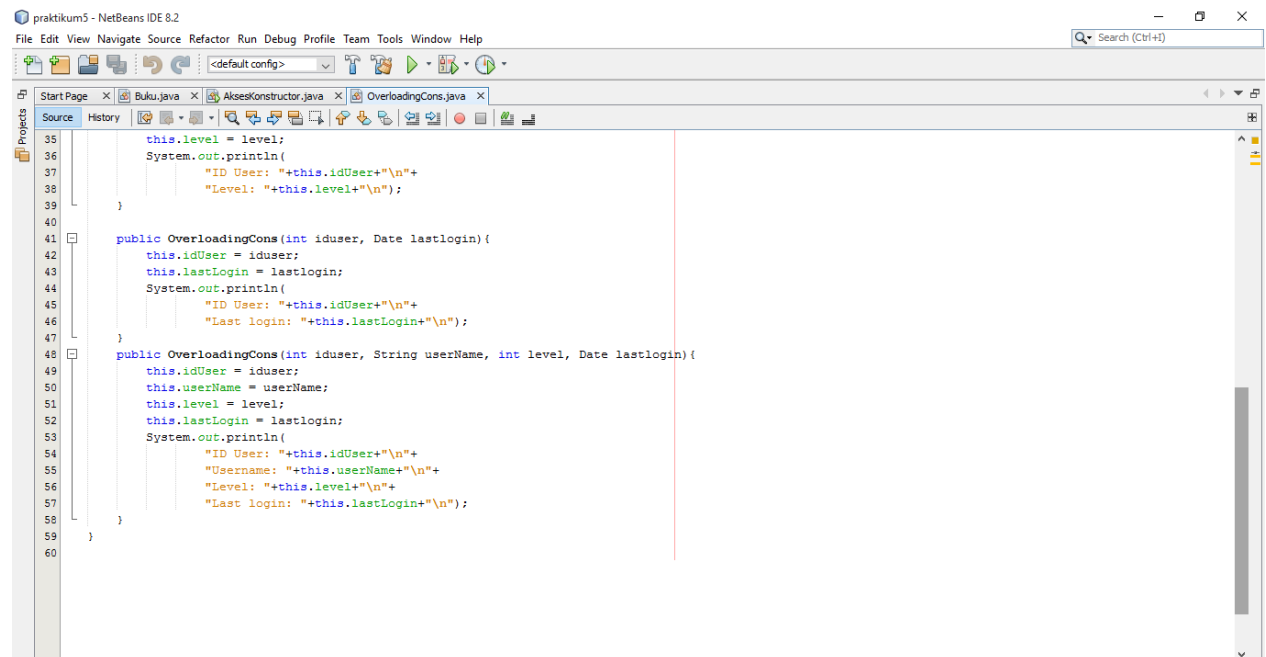
12 /**
13  *
14  * @author LAB-RPL
15 */
16 public class AksesKonstruktor {
17     public static void main(String[] args) throws ParseException{
18
19
20         System.out.println("\n");
21
22         Buku buku1 = new Buku("J.K. Rowling", "Harry Potter", 2000, 3, 100000.00);
23         Buku buku2 = new Buku("Naimah", "INGO?", 2018, 3, 65000.00);
24         Buku buku3 = new Buku("AB", "Buku3", 2007, 3, 87000.00);
25         Buku buku4 = new Buku("BC", "Buku4", 2006, 4, 55000.00);
26         Buku buku5 = new Buku("DE", "Buku4", 2005, 5, 89000.00);
27         Buku buku6 = new Buku("FG", "Buku4", 2004, 6, 33000.00);
28         Buku buku7 = new Buku("HI", "Buku4", 2003, 7, 78000.00);
29         Buku buku8 = new Buku("JK", "Buku4", 2002, 8, 35000.00);
30         Buku buku9 = new Buku("LM", "Buku4", 2001, 9, 89000.00);
31         Buku buku10 = new Buku("NO", "Buku4", 2000, 2, 35000.00);
32
33         buku1.infoBuku();
34         buku2.infoBuku();
35         buku3.infoBuku();
36         buku4.infoBuku();
37         buku5.infoBuku();
38         buku6.infoBuku();
39         buku7.infoBuku();
40         buku8.infoBuku();
41         buku9.infoBuku();
42         buku10.infoBuku();
43     }
44 }
```

Latihan 5.3.1 Overloading Constructor

1. Memodifikasi contoh dengan menambah 3 parameter

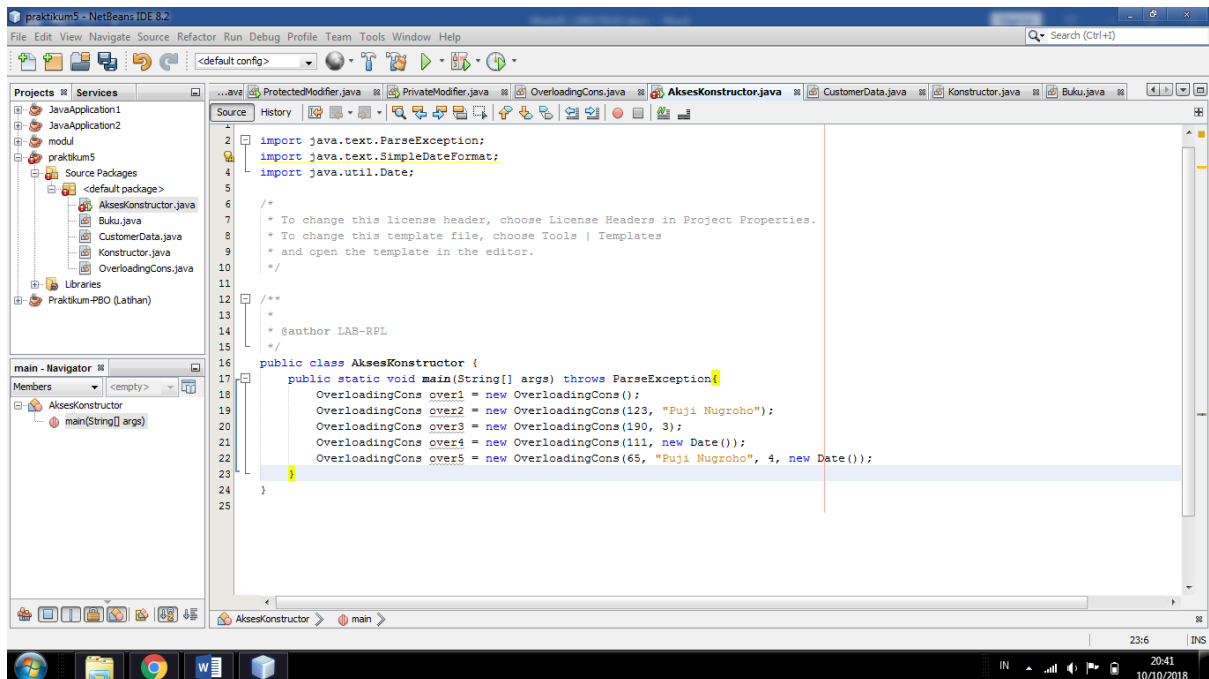


```
15
16 public class OverloadingCons {
17     int idUser, level;
18     String userName;
19     Date lastLogin;
20
21     public OverloadingCons() {
22     }
23
24     public OverloadingCons(int iduser, String userName) {
25         this.idUser = iduser;
26         this.userName = userName;
27         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 }
```

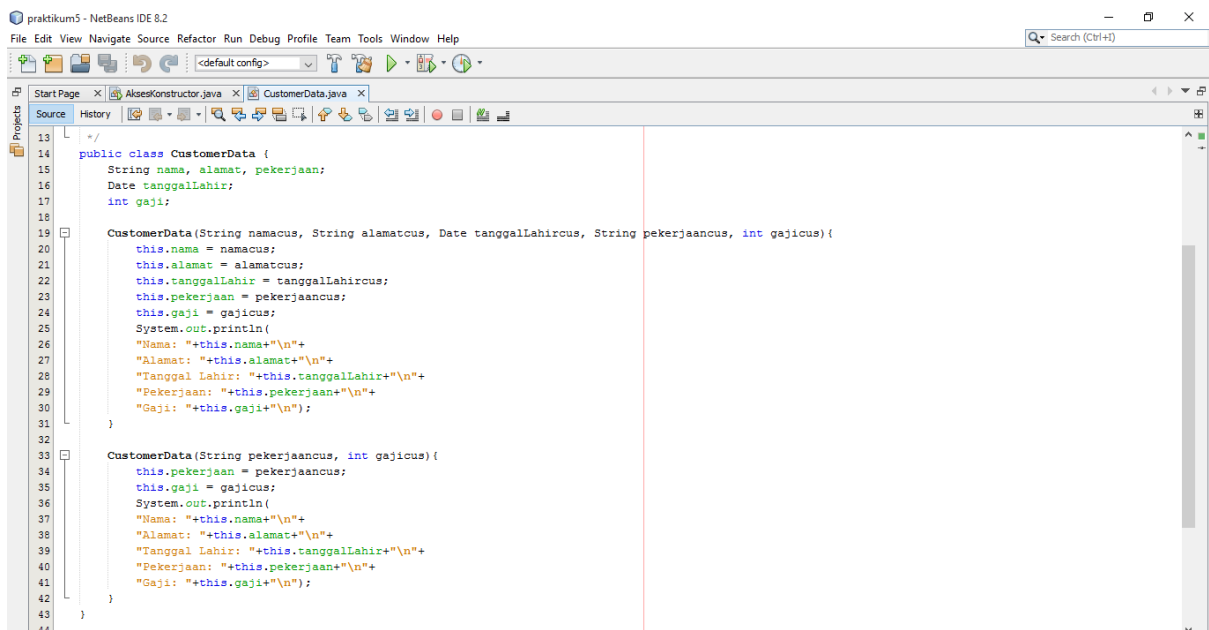


```
35     this.level = level;
36     System.out.println(
37         "ID User: "+this.idUser+"\n"+
38         "Level: "+this.level+"\n");
39 }
40
41 public OverloadingCons(int iduser, Date lastlogin) {
42     this.idUser = iduser;
43     this.lastLogin = lastlogin;
44     System.out.println(
45         "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



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



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

