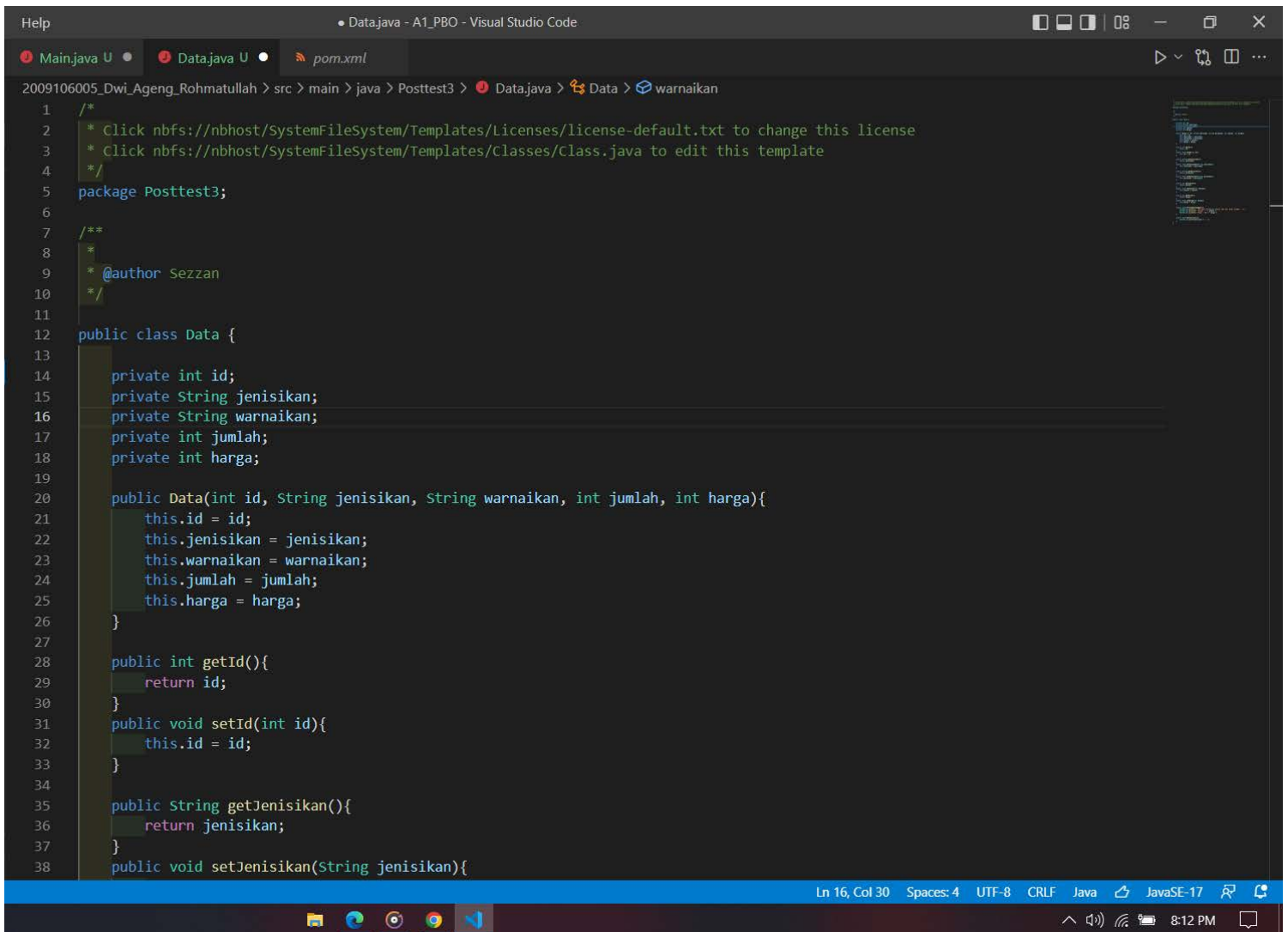


Dwi Ageng Rohmatullah

2009106005

Informatika A 2020

SS Program Posttest 3



```
1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4  */
5  package Posttest3;
6
7  /**
8   *
9   * @author Sezzan
10  */
11
12  public class Data {
13
14      private int id;
15      private String jenisikan;
16      private String warnaikan;
17      private int jumlah;
18      private int harga;
19
20      public Data(int id, String jenisikan, String warnaikan, int jumlah, int harga){
21          this.id = id;
22          this.jenisikan = jenisikan;
23          this.warnaikan = warnaikan;
24          this.jumlah = jumlah;
25          this.harga = harga;
26      }
27
28      public int getId(){
29          return id;
30      }
31      public void setId(int id){
32          this.id = id;
33      }
34
35      public String getJenisikan(){
36          return jenisikan;
37      }
38      public void setJenisikan(String jenisikan){
```

Help • Data.java - A1_PBO - Visual Studio Code

Main.java U Data.java U pom.xml

2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Data.java > Data > warnaikan

```
37 }
38 public void setJenisikan(String jenisikan){
39     this.jenisikan = jenisikan;
40 }
41
42 public String getWarnaikan(){
43     return warnaikan;
44 }
45 public void setWarnaikan(String warnaikan){
46     this.warnaikan = warnaikan;
47 }
48
49 public int getJumlah(){
50     return jumlah;
51 }
52 public void setJumlah(int jumlah){
53     this.jumlah = jumlah;
54 }
55
56 public int getHarga(){
57     return harga;
58 }
59 public void setHarga(int harga){
60     this.harga = harga;
61 }
62
63 public void InfojumharTunggal(){
64     System.out.println(" Informasi Penjualan jumlah ikan dan harga tunggal : ");
65     System.out.println(" Jumlah : " + jumlah );
66     System.out.println(" harga : Rp " + harga );
67 }
68
69 public void IkanTerjual(){
70     System.out.print(jenisikan + ", ");
71 }
72 }
73
```

Ln 16, Col 30 Spaces: 4 UTF-8 CRLF Java JavaSE-17

8:12 PM

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U • Data.java U • pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4   */
5  package Posttest3;
6
7  import java.util.Scanner;
8  import java.util.ArrayList;
9
10 /**
11  *
12  * @author Sezzan
13  */
14 public class Main {
15
16     private static Scanner input = new Scanner(System.in);
17     private static ArrayList<Data> listData = new ArrayList<Data>();
18     private static int id = 1;
19     private static Data ikanda;
20
21     Run | Debug
22     public static void main(String[] args){
23
24         ikanda = new Data(1, "demo", "warna", 3, 4);
25         listData.add(ikanda);
26
27         int menu;
28         do {
29             System.out.println(" ~ Kios Ikan Hias Minaria ~ ");
30             System.out.println(">> Daftar Ikan hias yang tersedia :");
31             System.out.println("1. Ikan Guppy. Warna : Hitam, Biru, Neon. Rp25000/ekor");
32             System.out.println("2. Ikan Cupang. Warna : Merah, Biru, Ungu. Rp75000/ekor");
33             System.out.println("3. Ikan Koi. Warna : Putih, Hitam, Silver. Rp120000/ekor");
34             System.out.println("4. Ikan Mas. Warna : Hitam, Putih, Jingga. Rp37500/ekor");
35             System.out.println("=====");
36             System.out.println("===== Menu =====");
37             System.out.println("1> Tambah data pesanan");
```

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U Data.java U pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
36 System.out.println("===== Menu =====");
37 System.out.println("1> Tambah data pesanan");
38 System.out.println("2> Menampilkan data pesanan");
39 System.out.println("3> Hapus data pesanan");
40 System.out.println("4> Ubah data pesanan");
41 System.out.println("5> Informasi penjualan jumlah ikan dan harga tunggal");
42 System.out.println("6> Informasi Jenis Ikan terjual");
43 System.out.println("0> Keluar");
44 System.out.println("Masukkan Pilihan Anda");
45 menu = input.nextInt(); input.nextLine();
46
47     if(menu > 0){
48         menu_kios(menu);
49     }
50 }
51 while(menu != 0);
52 System.out.println("\nTerimakasih telah menggunakan program kami.");
53 System.exit(0);
54 }
55
56 public static void menu_kios(int menu){
57     switch(menu){
58         case 1:
59             tambah_data();
60             break;
61         case 2:
62             liat_data();
63             input_lagi();
64             break;
65         case 3:
66             hapus_data();
67             break;
68         case 4:
69             ubah_data();
70             break;
71         case 5:
72             infotunggal();
73             break;
```

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U • Data.java U • pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
73         break;
74     case 6:
75         infoikan();
76         break;
77     default:
78         System.out.println("\nPilihan tidak tersedia");
79         input_lagi();
80     }
81 }
82
83 public static void tambah_data(){
84     id++;
85     System.out.println("\n Penambahan data ~~~");
86     System.out.println("\n Masukkan Jenis ikan yang ingin dibeli : ");
87     String jenisikan = input.nextLine();
88     System.out.println("Masukkan Jumlah yang ingin dibeli : ");
89     int jumlah = input.nextInt(); input.nextLine();
90     System.out.println("Masukkan warna ikan yang ingin dibeli : ");
91     String warnaikan = input.nextLine();
92     System.out.println("Masukkan Harga : ");
93     int harga = input.nextInt();
94
95     ikanda = new Data(id, jenisikan, warnaikan, jumlah, harga);
96     listData.add(ikanda);
97
98     System.out.println("\nData berhasil ditambahkan");
99     input.nextLine();
100    input_lagi();
101 }
102
103 private static void liat_data(){
104     System.out.println("~~ Liat data penjualan ~~");
105     System.out.println("\nNo    Jenisikan\tWarnaikan    Jumlah    Harga");
106
107     for (Data ikanda : listData){
108         System.out.println(
109             ikanda.getId() + "    " + ikanda.getJenisikan() + "\t" + ikanda.getWarnaikan() + "\t" + ikanda.getJumlah() +
110         );
111     }
112 }
```

Ln 5, Col 18 Spaces: 4 UTF-8 CRLF Java JavaSE-17 8:13 PM

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U Data.java U pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
110     );
111 }
112 System.out.println();
113 }
114
115 private static void ubah_data(){
116     liat_data();
117     System.out.println("~~ Mengubah data penjualan ~~");
118
119     System.out.println("Masukkan no Penjualan : ");
120     int no = input.nextInt(); input.nextLine();
121
122     boolean change = false;
123
124     for (Data ikanda : listData){
125         if(ikanda.getId() == no){
126             System.out.println("Masukkan Data Jenis Ikan baru : ");
127             String jenisikan = input.nextLine();
128             System.out.println("masukkan Data Warna ikan baru : ");
129             String warnaikan = input.nextLine();
130             System.out.println("Masukkan Data Jumlah baru : ");
131             int jumlah = input.nextInt();
132             System.out.println("Masukkan Data Harga baru : ");
133             int harga = input.nextInt(); input.nextLine();
134
135             ikanda.setJenisikan(jenisikan);
136             ikanda.setWarnaikan(warnaikan);
137             ikanda.setJumlah(jumlah);
138             ikanda.setHarga(harga);
139
140             change = true;
141             break;
142         }
143     }
144
145
146     if(change == false){
147         System.out.println("\nData penjualan tidak ditemukan");
148     }
149 }
```

Ln 5, Col 18 Spaces: 4 UTF-8 CRLF Java JavaSE-17 8:13 PM

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U • Data.java U • pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
143     }
144 }
145
146 if(change == false){
147     System.out.println("\nData penjualan tidak ditemukan");
148     input_lagi();
149 }else{
150     System.out.println("\nData telah diubah");
151     input_lagi();
152 }
153 }
154
155
156 private static void hapus_data(){
157     liat_data();
158     System.out.println("~ Manghapus data penjualan");
159
160     System.out.println("Masukkan no Penjualan : ");
161     int no = input.nextInt(); input.nextLine();
162
163     boolean hapus = false;
164
165     for (Data ikanda : listData){
166         if(ikanda.getId() == no){
167             listData.remove(ikanda);
168             hapus = true;
169             break;
170         }
171     }
172     if(hapus == false){
173         System.out.println("\nData penjualan tidak ditemukan");
174         input_lagi();
175     }else{
176         System.out.println("\nData telah dihapus");
177         input_lagi();
178     }
179 }
180
```

Ln 5, Col 18 Spaces: 4 UTF-8 CRLF Java JavaSE-17

8:13 PM

```
Help • Main.java - A1_PBO - Visual Studio Code
Main.java U Data.java U pom.xml
2009106005_Dwi_Ageng_Rohmatullah > src > main > java > Posttest3 > Main.java > {} Posttest3
180
181 public static void input_lagi(){
182     System.out.println("Tekan enter untuk kembali");
183     input.nextLine();
184 }
185
186 public static void infotunggal(){
187     liat_data();
188     System.out.println("Masukkan no Penjualan : ");
189     int no = input.nextInt(); input.nextLine();
190
191     for (Data ikanda : listData){
192         if(ikanda.getId() == no){
193             ikanda.InfojumharTunggal();
194             break;
195         }
196     }
197     input_lagi();
198 }
199
200 public static void infoikan(){
201     System.out.print("ikan : ");
202     for (Data ikanda : listData){
203         ikanda.IkanTerjual();
204     }
205     System.out.println();
206     input_lagi();
207 }
208
209 }
210
211
```

Ln 5, Col 18 Spaces: 4 UTF-8 CRLF Java JavaSE-17 8:13 PM