



NAMA : SALSABILA MAHDA RUNISHA
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NO ABSEN : 25
KELAS : 1F
MATERI : KUIS 1

LAPORAN PRAKTIKUM ALGORITMA DAN STRUKTUR DATA

3.2. KUIS 1

```
1 25_Salsabila_1F > J ExtraVaganzaItem25.java > ExtraVaganzaItem25 > updateHarga(int)
2 package Kuis1_25_Salsabila_1F;
3
4 public class ExtraVaganzaItem25 {
5     String name, category;
6     int stock, price;
7
8     public ExtraVaganzaItem25(String name, String category, int stock, int price){
9         this.name = name;
10        this.category = category;
11        this.stock = stock;
12        this.price = price;
13    }
14
15    void updateHarga(int hrg) {
16        price = hrg;
17    }
18 }

1 25_Salsabila_1F > J ApotekMain25.java > ApotekMain25 > Menu()
2 package Kuis1_25_Salsabila_1F;
3 import java.util.Scanner;
4
5 public class ApotekMain25 {
6
7     static void Menu() {
8         Transaction25 tr = new Transaction25();
9         Scanner input25 = new Scanner(System.in);
10        int choice;
11        char pilih;
12
13        System.out.println(x:"=====APIT Pharmacy=====");
14        System.out.println(x:"Menu : ");
15        System.out.println(x:"1. Input Data");
16        System.out.println(x:"2. Display data");
17        System.out.println(x:"3. Update harga");
18        System.out.println(x:"4. Penjualan");
19        System.out.println(x:"5. Exit");
20        System.out.printf(format:"select menu : ");
21        choice = input25.nextInt();
22
23        switch(choice) {
24            case 1 :
25                tr.addData(data:null);
26                System.out.println(x:"Data Obat Berhasil Ditambahkan!!!");
27                System.out.println(x:"Apakah ingin kembali ke menu? (y/n)");
28                Menu();
29                return;
30            case 2 :
31                tr.tampilData();
32                Menu();
33                return;
34            case 3 :
35                tr.updateHarga();
36                Menu();
37                return;
38            case 4 :
39                Menu();
40                return;
41            case 5 :
42                break;
43            default :
44                System.out.println(x:"pilihan tidak valid");
45                Menu();
46
47        System.out.print(s:"Apakah anda ingin kembali ke menu ? (y/t) ");
48        pilih = input25.next().charAt(index:0);
49    }
50
51    Run | Debug
52    public static void main(String[] args) {
53        Menu();
54    }
55 }
```



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```
Kuis1_25 Salsabila_1F > J Transaction25.java > Transaction25 > updateHarga()
1 package kuis1_25_Salsabila_1F;
2
3 public class Transaction25 {
4     String name;
5     ExtraVaganzaItem25[] arrTransaction;
6
7     public void addData(ExtraVaganzaItem25[] data) {
8         this.arrTransaction = data;
9     }
10
11     public int getIndexByName(String name) {
12         int index = -1;
13
14         if (arrTransaction != null) {
15             for (int i = 0; i < arrTransaction.length; i++) {
16                 if (arrTransaction[i] != null && arrTransaction[i].getClass() != null && arrTransaction[i].getClass().equals(name)) {
17                     index = i;
18                     break;
19                 }
20             }
21         }
22
23         return index;
24     }
25
26     public void tampilData() {
27         ExtraVaganzaItem25 data1 = new ExtraVaganzaItem25(name:"paracetamol", category:"Obat", stock:5, price:10000);
28         ExtraVaganzaItem25 data2 = new ExtraVaganzaItem25(name:"vitamin A", category:"Vitamin", stock:10, price:15000);
29         ExtraVaganzaItem25 data3 = new ExtraVaganzaItem25(name:"KF 95 Mask",category:"mask", stock:15, price:5000);
30         ExtraVaganzaItem25 data4 = new ExtraVaganzaItem25(name:"hand gel Antis",category:"sanitize", stock:25, price:20000);
31
32         ExtraVaganzaItem25[] tampil = new ExtraVaganzaItem25[4];
33         tampil[0] = data1;
34         tampil[1] = data2;
35         tampil[2] = data3;
36         tampil[3] = data4;
37
38         for (int i = 0; i < tampil.length; i++) {
39             System.out.println("name: " + tampil[i].name);
40             System.out.println("category: " + tampil[i].category);
41             System.out.println("stock: " + tampil[i].stock);
42             System.out.println("price: " + tampil[i].price);
43         }
44         System.out.println(x:"=====");
45     }
46
47     public void updateHarga() {
48         System.out.println(x:"=====API Pharmacy=====");
49         System.out.println(x:"Apakah ingin kembali ke menu? (y/n)");
50     }
51 }
52
```



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```
PS D:\PrakASD_1F_25> & 'C:\Program Files\Java
f0e4e3b\bin' 'Kuis1_25_Salsabila_1F.ApotekMain
=====APT Pharmacy=====
Menu :
1. Input Data
2. Display data
3. Update harga
4. Penjualan
5. Exit
select menu : 1
Data Obat Berhasil Ditambahkan!!!
Apakah ingin kembali ke menu? (y/n)
=====APT Pharmacy=====
Menu :
1. Input Data
2. Display data
3. Update harga
4. Penjualan
5. Exit
select menu : 2
name: paracetamol
category: Obat
stock: 5
price: 10000
name: vitamin A
category: Vitamin
stock: 10
price: 15000
name: KF 95 Mask
category: mask
stock: 15
price: 5000
name: hand gel Antis
category: sanitize
stock: 25
price: 20000
=====
=====APT Pharmacy=====
Menu :
1. Input Data
2. Display data
3. Update harga
4. Penjualan
5. Exit
select menu : |
```