

Nama : Alex

Kelas : 1F

Absen : 03

```
1 package UT5_03_AlexanderAgungRaya_1F;
2
3 public class TransaksiPembelian03 {
4     String KodeTransaksi;
5     String NamaPembeli;
6     String tanggalPembeli;
7     int qty;
8     int brg;
9
10
11     public TransaksiPembelian03(String kode, String nama, String tanggal, int jumlahQty, int jumlahbarang) {
12         this.KodeTransaksi = kode;
13         this.NamaPembeli = nama;
14         this.tanggalPembeli = tanggal;
15         this.qty = jumlahQty;
16         this.brg = jumlahbarang;
17     }
18
19 }
20
```

```
1 package UT5_03_AlexanderAgungRaya_1F;
2
3 public class ServiceClass03 {
4     static Barang[] brg;
5     static int index;
6
7     public void TambahDataTransaksi(String Tmp) {
8         if (index < brg.length) {
9             brg[index] = new Barang03(index, Tmp, "Tm", 1, 100000);
10             index++;
11             System.out.println("Data Transaksi Berhasil Ditambahkan");
12         } else {
13             System.out.println("Array size exceeded. Please increase the size of brg or handle full array case.");
14         }
15     }
16
17     if (index < brg.length) {
18         System.out.println("Data Transaksi : ");
19         System.out.println("-----");
20         for (int i = 0; i < index; i++) {
21             System.out.println(brg[i]);
22         }
23         System.out.println("-----");
24         System.out.println("Jumlah Data Transaksi : " + index);
25         System.out.println("-----");
26     }
27
28     public void MenampilkanTransaksi(String Tmp) {
29         int pos = 1;
30         for (int i = 0; i < brg.length; i++) {
31             if (brg[i].nama.equals(Tmp)) {
32                 pos = i;
33                 break;
34             }
35         }
36         if (pos < 1) {
37             for (int i = 0; i < index - 1; i++) {
38                 brg[i] = brg[i + 1];
39             }
40             index--;
41             System.out.println("Data Transaksi Berhasil Dihapus");
42         } else {
43             System.out.println("Data Transaksi tidak ditemukan");
44         }
45     }
46
47     public Barang03 InputBarang03(String nama) {
48         if (nama.equals("")) {
49             return null;
50         } else if (nama.equals("Tm")) {
51             return null;
52         } else {
53             return new Barang03(index, nama, "Tm", 1, 100000);
54         }
55     }
56
57     public void TampilkanBarang03() {
58         System.out.println("Barang Tidak Ditemukan");
59         return null;
60     }
61
62     if (nama.equals("Tm")) {
63         System.out.println("Tampilkan Barang kosong");
64         return null;
65     }
66
67 }
68
```

```
1 package UT5_03_AlexanderAgungRaya_1F;
2 import java.util.Scanner;
3 public class MainSystem03 {
4     public static void main(String[] args) {
5         ServiceClass03 listBarang = new ServiceClass03();
6
7
8         Scanner sc = new Scanner(System.in);
9         System.out.println("=====");
10        System.out.println("Selamat Datang di Toko Menasuka");
11        System.out.println("=====");
12        System.out.println("Bank Menu : ");
13        System.out.println("1. Data Barang ");
14        System.out.println("2. Data Transaksi");
15        System.out.println("3. Pencarian Data");
16        System.out.println("4. Pengurutan Data");
17        System.out.println("5. Tampilkan Data Terbalik");
18        System.out.println("6. Exit Program");
19        System.out.print("Pilihlah Menu (1-6): ");
20
21
22
23    }
24 }
25
```

Hasil

```
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Selamat Datang di Toko Penusuka
=====
Bapak Menu :
1. Data Barang
2. Data Transaksi
3. Pencarian Data
4. Pengurutan Data
5. Tampilkan Data Terbalik
6. Exit Program
Pilihlah Menu (1-6):
```