

**NAMA : ADITYA RAFIQI PANGESTU**

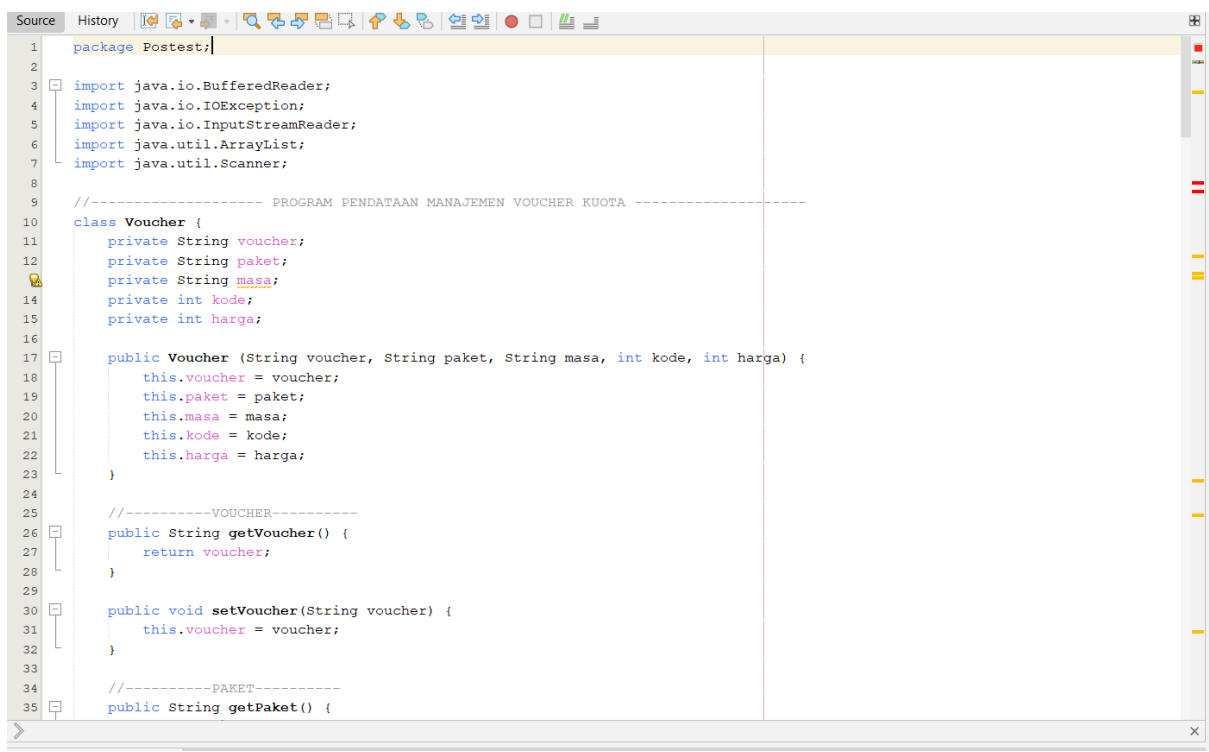
**NIM : 2109106110**

**KELAS : B2'21 INFORMATIKA**

**POSTTEST : 2**

**PRAKTIKUM : PEMROGRAMAN BERORINTASI OBJEK**

**SCREEN SHOOT PROGRAM :**



```
Source History
1 package Posttest;
2
3 import java.io.BufferedReader;
4 import java.io.IOException;
5 import java.io.InputStreamReader;
6 import java.util.ArrayList;
7 import java.util.Scanner;
8
9 //----- PROGRAM PENDATAAN MANAJEMEN VOUCHER KUOTA -----
10 class Voucher {
11     private String voucher;
12     private String paket;
13     private String masa;
14     private int kode;
15     private int harga;
16
17     public Voucher (String voucher, String paket, String masa, int kode, int harga) {
18         this.voucher = voucher;
19         this.paket = paket;
20         this.masa = masa;
21         this.kode = kode;
22         this.harga = harga;
23     }
24
25     //-----VOUCHER-----
26     public String getVoucher() {
27         return voucher;
28     }
29
30     public void setVoucher(String voucher) {
31         this.voucher = voucher;
32     }
33
34     //-----PAKET-----
35     public String getPaket() {
```



```
Source History
106         tampilkanBarang();
107         break;
108     case "3":
109         hapusBarang();
110         break;
111     case "4":
112         ubahBarang();
113         break;
114     case "5":
115         System.exit( status: 0);
116     default:
117         System.err.println( x: "Pilihan tidak tersedia \nSilahkan Input angka 1-5 ");
118     }
119     System.out.println( x: "Apakah Anda Ingin Melanjutkan (y/n)?");
120     pilihan = input.readLine();
121     lanjutkan = pilihan.equalsIgnoreCase( anotherString: "y");
122 }
123 }
124
125 //----- TAMBAH DATA -----
126 private static void tambahBarang() throws IOException {
127     System.out.print( s: "Voucher      : ");
128     String voucher = input.readLine();
129
130     System.out.print( s: "Paket      : ");
131     String paket = input.readLine();
132
133     System.out.print( s: "Masa       : ");
134     String masa = input.readLine();
135
136     System.out.print( s: "Kode       : ");
137     int kode = Integer.parseInt( s: input.readLine());
138
139     System.out.print( s: "Harga      : Rp. ");
140     int harga = Integer.parseInt( s: input.readLine());
141
142     Voucher barang = new Voucher(voucher, paket, masa, kode, harga);
143     daftarVoucher.add( e: barang);
144
145     System.out.println( x: "\n Data berhasil ditambahkan.");
146 }
147
148 //----- MENAMPILKAN DATA -----
149 private static void tampilkanBarang() {
150     System.out.println( x: "\n----- DAFTAR STOCK Voucher -----");
151
152     if (daftarVoucher.size() == 0) {
153         System.out.println( x: "Stock Voucher Kosong");
154     } else {
155         for (int i = 0; i < daftarVoucher.size(); i++) {
156             System.out.println((i+1) + ". " + daftarVoucher.get( index: i));
157         }
158     }
159 }
160
161 //----- UPDATE DATA -----
162 private static void ubahBarang() throws IOException {
163     tampilkanBarang();
164
165     if (daftarVoucher.size() == 0) {
166         return;
167     }
168
169     System.out.print( s: "\nPilih nomor data yang akan diubah: ");
170     int nomor = Integer.parseInt( s: input.readLine());
171
172     if (nomor < 1 || nomor > daftarVoucher.size()) {
173         System.out.println( x: "Nomor data tidak valid.");
174         return;
175     }
176 }
```

```
Source History
141
142     Voucher barang = new Voucher(voucher, paket, masa, kode, harga);
143     daftarVoucher.add( e: barang);
144
145     System.out.println( x: "\n Data berhasil ditambahkan.");
146 }
147
148 //----- MENAMPILKAN DATA -----
149 private static void tampilkanBarang() {
150     System.out.println( x: "\n----- DAFTAR STOCK Voucher -----");
151
152     if (daftarVoucher.size() == 0) {
153         System.out.println( x: "Stock Voucher Kosong");
154     } else {
155         for (int i = 0; i < daftarVoucher.size(); i++) {
156             System.out.println((i+1) + ". " + daftarVoucher.get( index: i));
157         }
158     }
159 }
160
161 //----- UPDATE DATA -----
162 private static void ubahBarang() throws IOException {
163     tampilkanBarang();
164
165     if (daftarVoucher.size() == 0) {
166         return;
167     }
168
169     System.out.print( s: "\nPilih nomor data yang akan diubah: ");
170     int nomor = Integer.parseInt( s: input.readLine());
171
172     if (nomor < 1 || nomor > daftarVoucher.size()) {
173         System.out.println( x: "Nomor data tidak valid.");
174         return;
175     }
176 }
```

```
Source History
177     Voucher barang = daftarVoucher.get(nomor-1);
178
179     System.out.print("Voucher (" + barang.getVoucher() + "): ");
180     String voucher = input.readLine();
181
182     System.out.print("Paket (" + barang.getPaket() + "): ");
183     String paket = input.readLine();
184
185     System.out.print("Kode (" + barang.getKode() + "): ");
186     int kode = Integer.parseInt(s: input.readLine());
187
188     System.out.print("Masa (" + barang.getMasa() + "): ");
189     String masa = input.readLine();
190
191     System.out.print("Harga (" + barang.getHarga() + "): ");
192     int harga = Integer.parseInt(s: input.readLine());
193
194     barang.setVoucher(voucher);
195     barang.setPaket(paket);
196     barang.setKode(kode);
197     barang.setMasa(Masa:masa);
198     barang.setHarga(harga);
199
200     System.out.println(x: "\nData Voucher berhasil diubah.");
201 }
202
203 //----- HAPUS DATA -----
204 private static void hapusBarang() throws IOException {
205     tampilkanBarang();
206
207     if (daftarVoucher.size() == 0) {
208         return;
209     }
210
211     System.out.print(s: "\nPilih nomor data yang akan dihapus: ");
Posttest.Voucher
```

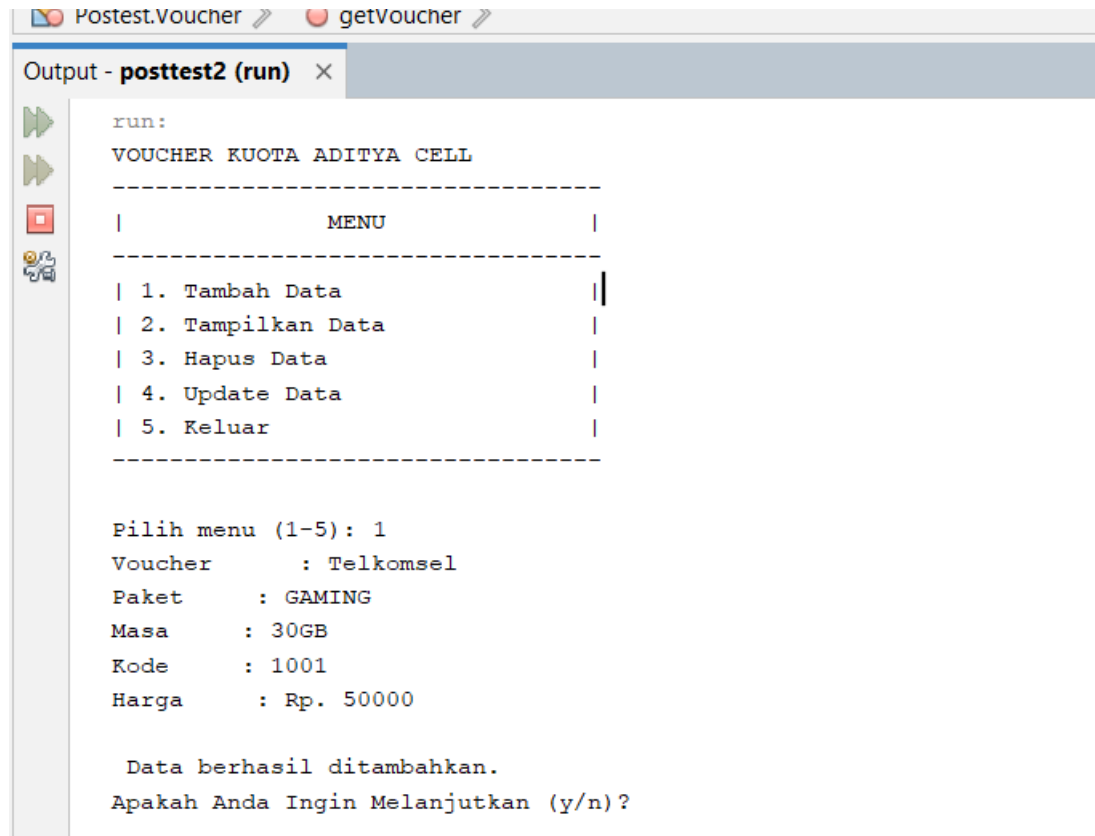
```
int nomor = Integer.parseInt(s: input.readLine());

if (nomor < 1 || nomor > daftarVoucher.size()) {
    System.out.println(x: "Nomor data tidak valid.");
    return;
}

Voucher barang = daftarVoucher.get(nomor-1);
daftarVoucher.remove(o: barang);

System.out.println(x: "\nData berhasil dihapus.");
}
```

## SCREENSHOOT OUTPUT PROGRAM :



```
run:
VOUCHER KUOTA ADITYA CELL
-----
|                MENU                |
|-----|
| 1. Tambah Data                      |
| 2. Tampilkan Data                  |
| 3. Hapus Data                      |
| 4. Update Data                     |
| 5. Keluar                          |
|-----|

Pilih menu (1-5): 1
Voucher      : Telkomsel
Paket       : GAMING
Masa        : 30GB
Kode        : 1001
Harga       : Rp. 50000

Data berhasil ditambahkan.
Apakah Anda Ingin Melanjutkan (y/n)?
```