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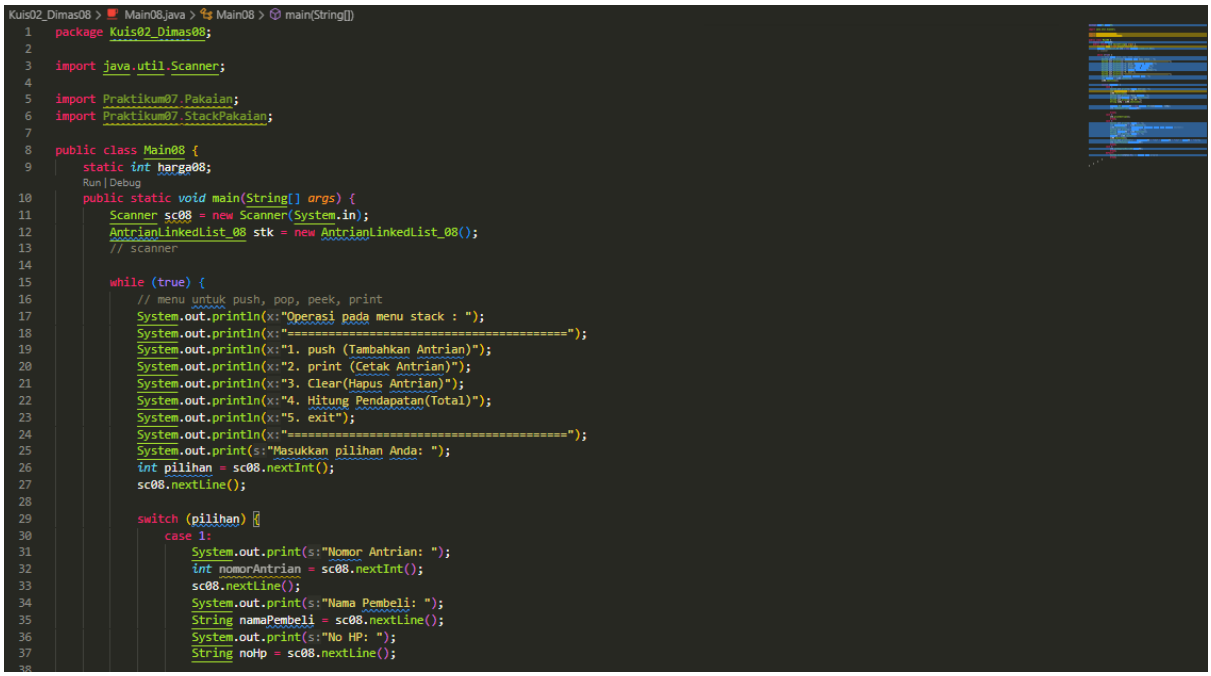
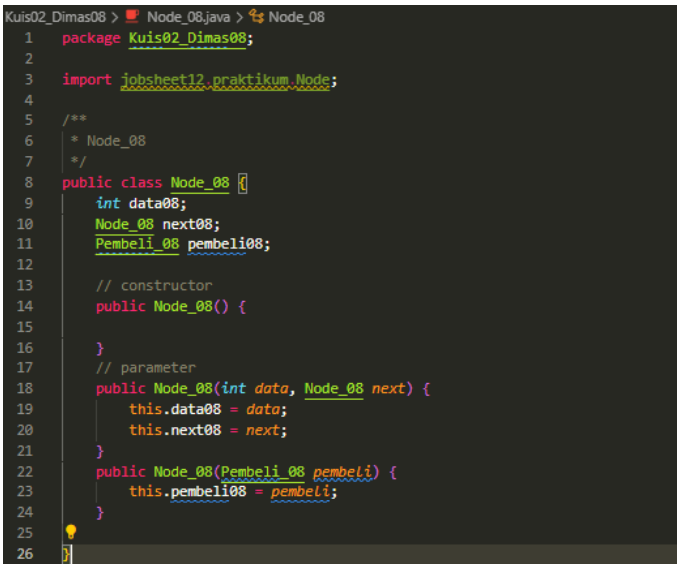
Main Class



```java
package Kuis02_Dimas08;

import java.util.Scanner;

import Praktikum07.Pakaian;
import Praktikum07.StackPakaian;

public class Main08 {
    static int harga08;
    Run | Debug
    public static void main(String[] args) {
        Scanner sc08 = new Scanner(System.in);
        AntrianLinkedList_08 stk = new AntrianLinkedList_08();
        // scanner

        while (true) {
            // menu untuk push, pop, peek, print
            System.out.println("Operasi pada menu stack : ");
            System.out.println("========================================");
            System.out.println("1. push (Tambahkan Antrian)");
            System.out.println("2. print (Cetak Antrian)");
            System.out.println("3. Clear(Hapus Antrian)");
            System.out.println("4. Hitung Pendapatan(Total)");
            System.out.println("5. exit");
            System.out.println("========================================");
            System.out.print("Masukkan pilihan Anda: ");
            int pilihan = sc08.nextInt();
            sc08.nextLine();

            switch (pilihan) {
                case 1:
                    System.out.print("Nomor Antrian: ");
                    int nomorAntrian = sc08.nextInt();
                    sc08.nextLine();
                    System.out.print("Nama Pembeli: ");
                    String namaPembeli = sc08.nextLine();
                    System.out.print("No HP: ");
                    String noHp = sc08.nextLine();
```

```java
                    Pembeli_08 pembeli08 = new Pembeli_08(namaPembeli, noHp);
                    stk.tambahAntrian(pembeli08);

                    break;
                case 2:
                    stk.printAntrian();
                    break;
                case 3:
                    System.out.print("Nomor\t: ");
                    int nomorHapus08 = sc08.nextInt();
                    sc08.nextLine(); // Mengonsumsi karakter baris baru setelah nextInt()
                    System.out.print("Pesanan\t: ");
                    String Pesanan08 = sc08.nextLine();
                    System.out.print("Harga\t: ");
                    harga08 = sc08.nextInt();
                    sc08.nextLine();
                    System.out.println("|" + nomorHapus08 + "\t|" + Pesanan08 + "\t|" + harga08 + "\t|");
                    stk.hapusPesanan(nomorHapus08);
                    break;
                case 4:
                    stk.pendapatanResto08(harga08);
                    break;
                default:
                    System.exit(status:0); // Keluar dari program
                    break;
            }
        }
    }
}
```

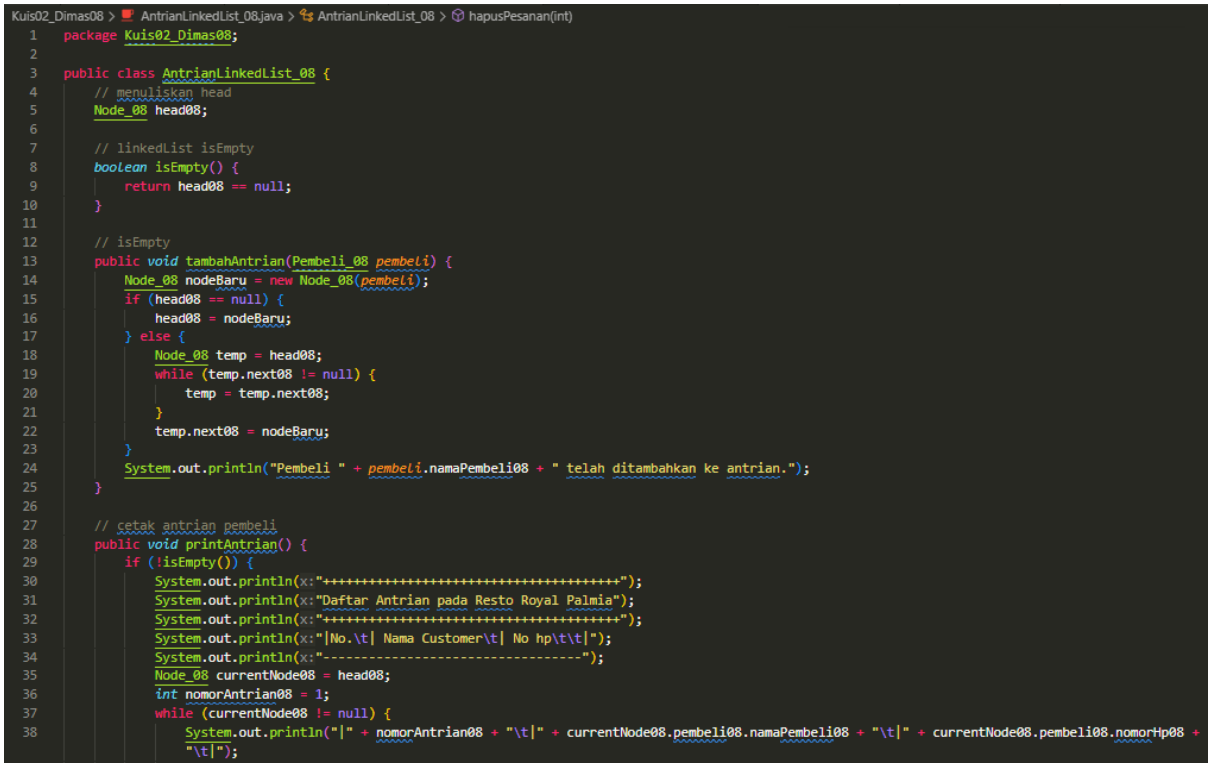
Node Class

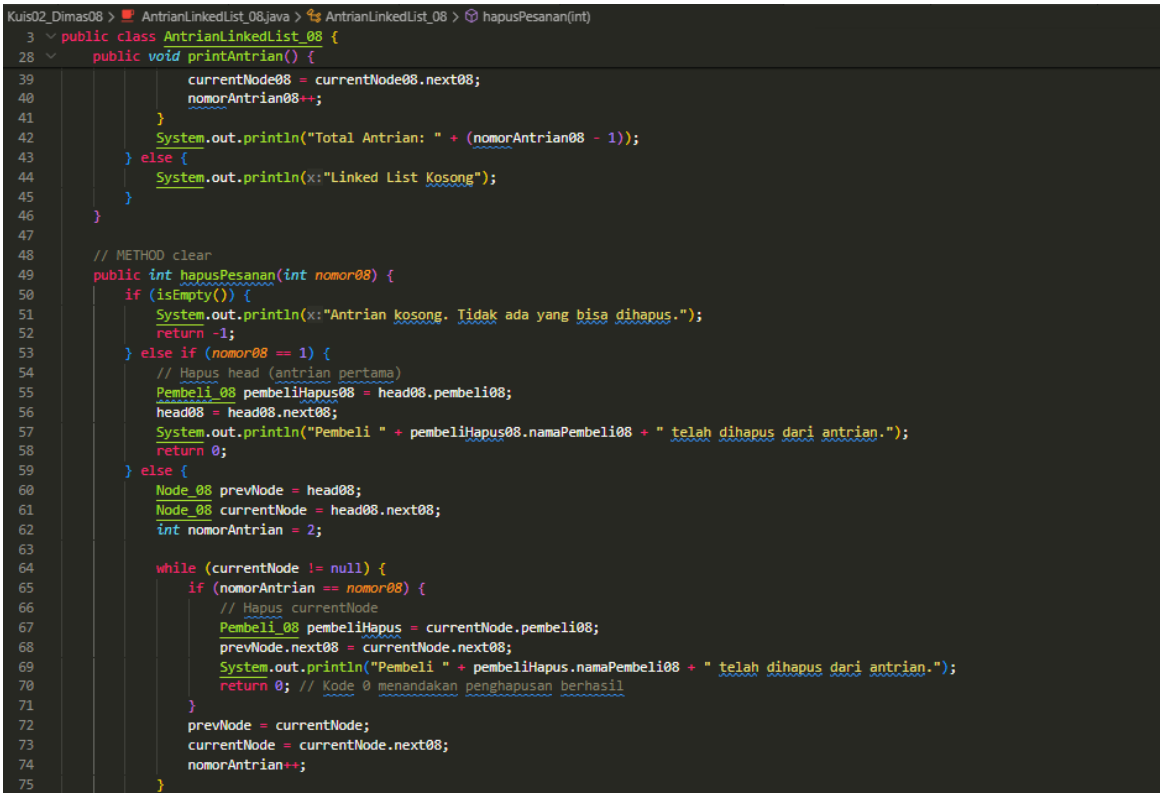


Pembeli Class

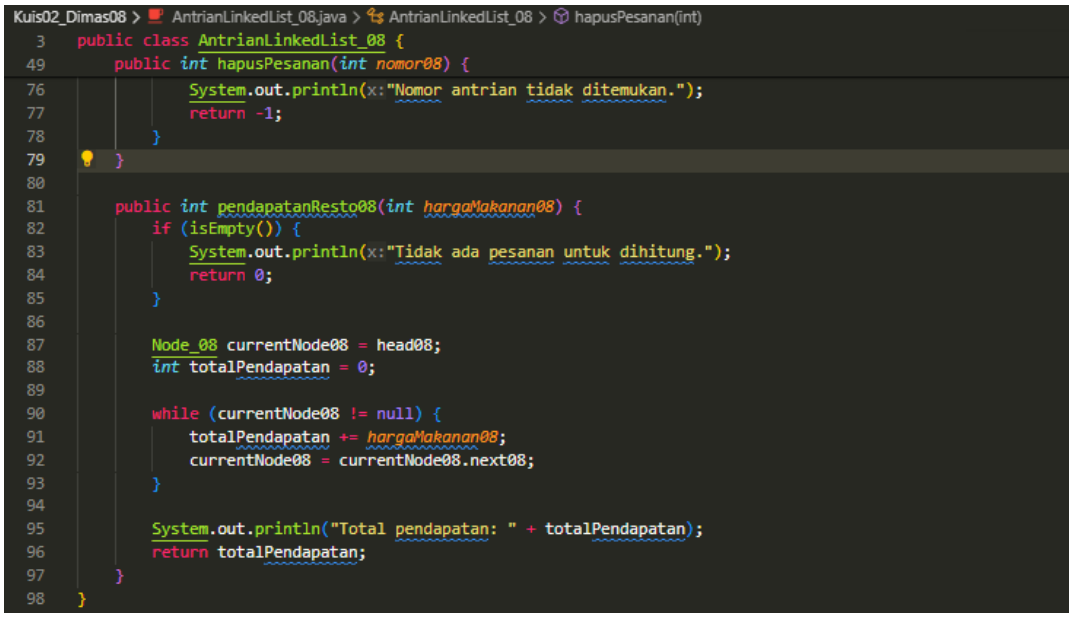
Pesanan Class

Class AntrianLinkedList





```
Kuis02_Dimas08 > AntrianLinkedList_08.java > AntrianLinkedList_08 > hapusPesanan(int)
  3  public class AntrianLinkedList_08 {
 28      public void printAntrian() {
 39                  currentNode08 = currentNode08.next08;
 40                  nomorAntrian08++;
 41              }
 42              System.out.println("Total Antrian: " + (nomorAntrian08 - 1));
 43          } else {
 44              System.out.println(x:"Linked List Kosong");
 45          }
 46      }
 47
 48      // METHOD clear
 49      public int hapusPesanan(int nomor08) {
 50          if (isEmpty()) {
 51              System.out.println(x:"Antrian kosong. Tidak ada yang bisa dihapus.");
 52              return -1;
 53          } else if (nomor08 == 1) {
 54              // Hapus head (antrian pertama)
 55              Pembeli_08 pembeliHapus08 = head08.pembeli08;
 56              head08 = head08.next08;
 57              System.out.println("Pembeli " + pembeliHapus08.namaPembeli08 + " telah dihapus dari antrian.");
 58              return 0;
 59          } else {
 60              Node_08 prevNode = head08;
 61              Node_08 currentNode = head08.next08;
 62              int nomorAntrian = 2;
 63
 64              while (currentNode != null) {
 65                  if (nomorAntrian == nomor08) {
 66                      // Hapus currentNode
 67                      Pembeli_08 pembeliHapus = currentNode.pembeli08;
 68                      prevNode.next08 = currentNode.next08;
 69                      System.out.println("Pembeli " + pembeliHapus.namaPembeli08 + " telah dihapus dari antrian.");
 70                      return 0; // Kode 0 menandakan penghapusan berhasil
 71                  }
 72                  prevNode = currentNode;
 73                  currentNode = currentNode.next08;
 74                  nomorAntrian++;
 75              }
```



```
Kuis02_Dimas08 > AntrianLinkedList_08.java > AntrianLinkedList_08 > hapusPesanan(int)
  3  public class AntrianLinkedList_08 {
 49      public int hapusPesanan(int nomor08) {
 76                  System.out.println(x:"Nomor antrian tidak ditemukan.");
 77                  return -1;
 78              }
 79      }
 80
 81      public int pendapatanResto08(int hargaMakanan08) {
 82          if (isEmpty()) {
 83              System.out.println(x:"Tidak ada pesanan untuk dihitung.");
 84              return 0;
 85          }
 86
 87          Node_08 currentNode08 = head08;
 88          int totalPendapatan = 0;
 89
 90          while (currentNode08 != null) {
 91              totalPendapatan += hargaMakanan08;
 92              currentNode08 = currentNode08.next08;
 93          }
 94
 95          System.out.println("Total pendapatan: " + totalPendapatan);
 96          return totalPendapatan;
 97      }
 98  }
```

Hasil Running

```
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 1
Nomor Antrian: 1
Nama Pembeli: dimas
No HP: 0812
Pembeli dimas  telah ditambahkan ke antrian.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 1
Nomor Antrian: 2
Nama Pembeli: Aji
No HP: 0856
Pembeli Aji telah ditambahkan ke antrian.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 1
Nomor Antrian: 3
Nama Pembeli: Andi
No HP: 0857
Pembeli Andi telah ditambahkan ke antrian.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
```

```
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 1
Nomor Antrian: 3
Nama Pembeli: Andi
No HP: 0857
Pembeli Andi telah ditambahkan ke antrian.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 3
Nomor   : 1
Pesanan : ayamPedas
Harga   : 30000
|1      |ayamPedas      |30000  |
Pembeli dimas  telah dihapus dari antrian.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 3
Nomor   : 2
Pesanan : SotoAYam
Harga   : 30000
|2      |SotoAYam       |30000  |
Pembeli Andi telah dihapus dari antrian.
```

```
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 3
Nomor   : 3
Pesanan : Bubur
Harga   : 30000
|3      |Bubur  |30000  |
Nomor antrian tidak ditemukan.
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 4
Total pendapatan: 30000
Menu Resto
=======================================
1. push (Tambahkan Antrian)
2. print (Cetak Antrian)
3. Clear(Hapus Antrian)
4. Hitung Pendapatan(Total)
5. exit
=======================================
Masukkan pilihan Anda: 5
PS D:\folder matkul\semester 2\praktikum ASD\AlgoritmaStrukturData>
```