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NO ABSEN : 13
KELAS : 1F
MATERI : Kuis 2

LAPORAN KUIS ALGORITMA DAN STRUKTUR DATA

Class Pembeli :

```
src > Kuis2_13_1F_GilangPurnomo > J Pembeli13.java > ...
1 package Kuis2_13_1F_GilangPurnomo;
2
3 Codeium: Refactor | Explain
4 public class Pembeli13 {
5     String namaPembeli;
6     String NoHp;
7
8     public Pembeli13(String b, String c) {
9         namaPembeli = b;
10        NoHp = c;
11    }
12 }
```

Class Pesanan :

```
src > Kuis2_13_1F_GilangPurnomo > J Pesanan13.java > Pesanan13 > Pesanan13(int, String, int)
1 package Kuis2_13_1F_GilangPurnomo;
2
3 Codeium: Refactor | Explain
4 public class Pesanan13 {
5     int kodePesanan;
6     String namaPesanan;
7     int harga;
8
9     public Pesanan13(int a, String b, int d) {
10        kodePesanan = a;
11        namaPesanan = b;
12        harga = d;
13    }
14 }
15 }
```

Node Pembeli :

```
src > Kuis2_13_1F_GilangPurnomo > J NodePembeli13.java > ...
1 package Kuis2_13_1F_GilangPurnomo;
2
3 Codeium: Refactor | Explain
4 public class NodePembeli13 {
5     Pembeli13 dataPembeli;
6     NodePembeli13 prev, next;
7
8     public NodePembeli13(NodePembeli13 prev, Pembeli13 dataPembeli, NodePembeli13 next) {
9         this.prev = prev;
10        this.dataPembeli = dataPembeli;
11        this.next = next;
12    }
13 }
14 }
```

Node Pesanan:

```
src > Kuis2_13_1F_GilangPurnomo > J NodePesanan13.java > NodePesanan13 > NodePesanan13(NodePesanan13, Pesanan13, NodePesanan13)
1 package Kuis2_13_1F_GilangPurnomo;
2
3 Codeium: Refactor | Explain
4 public class NodePesanan13 {
5     Pesanan13 dataPesanan;
6     NodePesanan13 prev, next;
7
8     public NodePesanan13(NodePesanan13 prev, Pesanan13 dataPesanan, NodePesanan13 next) {
9         this.prev = prev;
10        this.dataPesanan = dataPesanan;
11        this.next = next;
12    }
13 }
14 }
```



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Class DLLPembeli :

```
src > Kuis2_13_1F_GilangPurnomo > J DLLPembeli13.java > DLLPembeli13 > print130
1  package Kuis2_13_1F_GilangPurnomo;
2
3  Codeium: Refactor | Explain
4  public class DLLPembeli13 {
5      NodePembeli13 head;
6      int size;
7
8      public DLLPembeli13() {
9          head = null;
10         size = 0;
11     }
12
13     Codeium: Refactor | Explain | Generate Javadoc | X
14     public boolean isEmpty13() {
15         return head == null;
16     }
17
18     Codeium: Refactor | Explain | Generate Javadoc | X
19     public int size13() {
20         return size;
21     }
22
23     Codeium: Refactor | Explain | Generate Javadoc | X
24     public void antrian13() {
25         for (int i = 0; i <= 4; i++) {
26             System.out.println(i + 1);
27             break;
28         }
29     }
30
31     Codeium: Refactor | Explain | Generate Javadoc | X
32     public void add13(Pembeli13 data) {
33         if (isEmpty13()) {
34             head = new NodePembeli13(prev:null, data, next:null);
35         } else {
36             NodePembeli13 newNode = new NodePembeli13(prev:null, data, head);
37             head.prev = newNode;
38             head = newNode;
39             size++;
40         }
41     }
42
43     public void print13() {
44         if (!isEmpty13()) {
45             // String antri = antrian13();
46             NodePembeli13 current = head;
47             System.out.println(x:"+++++++");
48             System.out.println(x:"Daftar Antrian Resto Royal Delisah");
49             System.out.println(x:"+++++++");
50             System.out.println(x:"|No.          |Nama Customer          |No hp          |");
51             while (current != null) {
52                 // System.out.printf("| %-7d| %-7d| %-7s|\n", antrian13(), current.dataPembeli.namaPembeli, current.dataPembeli.NoHp);
53                 current = current.next;
54             }
55         } else {
56             System.out.println(x:"Data Film Kosong");
57         }
58     }
59
60     Codeium: Refactor | Explain | Generate Javadoc | X
61     public void remove13() {
62         if (isEmpty13()) {
63             System.out.println(x:"Linked List masih kosong, tidak dapat dihapus!");
64         } else if (size == 1) {
65             System.out.println(head.dataPembeli.namaPembeli + " telah memesan menu.");
66             head = null;
67         } else {
68             System.out.println(head.dataPembeli.namaPembeli + " telah memesan menu.");
69             head = head.next;
70             head.prev = null;
71             size--;
72         }
73     }
74 }
```



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Class DLLPesanan :

```
src > Kuis2_13_1F_GilangPurnomo > J DLLPesanan13.java > ...
1 package Kuis2_13_1F_GilangPurnomo;
2
3 public class DLLPesanan13 {
4     NodePesanan13 head;
5     int size;
6
7     public DLLPesanan13() {
8         head = null;
9         size = 0;
10    }
11
12    public boolean isEmpty13() {
13        return head == null;
14    }
15
16    public int size13() {
17        return size;
18    }
19
20    public void add13(Pesanan13 data) {
21        if (isEmpty13()) {
22            head = new NodePesanan13(prev:null, data, next:null);
23        } else {
24            NodePesanan13 newNode = new NodePesanan13(prev:null, data, head);
25            head.prev = newNode;
26            head = newNode;
27        }
28        size++;
29    }
30
31    // public void bubbleSortRating() throws Exception {
32    //     if (isEmpty13()) {
33    //         System.out.println("Data Film Kosong.");
34    //     } else {
35    //         for (int i = 0; i < size - 1; i++) {
36    //             NodePesanan13 current = head;
37    //             for (int j = 0; j < size - 1; j++) {
38    //                 if (toString(current.dataPesanan.namaPesanan) < ) {
39    //                     DaftarFilm13 tmp = current.dataFilm;
40    //                     current.dataFilm = current.next.dataFilm;
41    //                     current.next.dataFilm = tmp;
42    //                 }
43    //                 current = current.next;
44    //             }
45    //         }
46    //     }
47    // }
48 }
49
```

Class Main :



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```
src > Kuis2_13_1F_GilangPurnomo > J DLLMain13.java > DLLMain13 > main(String[])
1 package Kuis2_13_1F_GilangPurnomo;
2
3 import java.util.Scanner;
4
5 public class DLLMain13 {
6     Codeium: Refactor | Explain | Generate Javadoc | X
7     public static void menu13() {
8         System.out.println(x:"Menu");
9         System.out.println(x:"1. Tambah Antrian");
10        System.out.println(x:"2. Cetak Antrian");
11        System.out.println(x:"3. Hapus Antrian");
12        System.out.println(x:"4. Laporan Pengurutan pesanan by nama");
13        System.out.println(x:"5. Hitung total Pendapatan");
14        System.out.print(s:"Pilih(1-5): ");
15    }
16
17    public static void main(String[] args) {
18        Scanner sc = new Scanner(System.in);
19        DLLPembeli13 pbl = new DLLPembeli13();
20
21        while (true) {
22            menu13();
23            int pilih = sc.nextInt();
24
25            switch (pilih) {
26                case 1:
27                    System.out.println(x:"-----");
28                    System.out.println(x:"Masukkan Data pembeli");
29                    System.out.println(x:"-----");
30                    System.out.print(s:"Nomor Antrian: ");
31                    pbl.antrian13();
32                    sc.nextLine();
33                    System.out.print(s:"Nama Customer: ");
34                    String namaCustomer = sc.nextLine();
35                    System.out.print(s:"Nomor Hp: ");
36                    String noHP = sc.nextLine();
37                    Pembeli13 antri = new Pembeli13(namaCustomer, noHP);
38                    pbl.add13(antri);
39                    break;
40                case 2:
41                    pbl.print13();
42                    break;
43                case 3:
44                    pbl.remove13();
45                    break;
46                case 4:
47
48                default:
49                    System.out.println(x:"Pilihan tidak valid, silahkan coba lagi.");
50                    break;
51            }
52        }
53    }
54 }
55 |
```



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Output :

```
Menu
1. Tambah Antrian
2. Cetak Antrian
3. Hapus Antrian
4. Laporan Pengurututan pesanan by nama
5. Hitung total Pendapatan
6. Keluar
Pilih(1-5): 1
-----
Masukkan Data pembeli
-----
Nomor Antrian: 1
Nama Customer: Mamluatul
Nomor Hp: 08224500000
Menu
1. Tambah Antrian
2. Cetak Antrian
3. Hapus Antrian
4. Laporan Pengurututan pesanan by nama
5. Hitung total Pendapatan
6. Keluar
Pilih(1-5): █
```