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Kelas: Informatika C'21

POSTTEST 2

Pemrograman Berorientasi Objek

File name: main.java

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       package posttest2;
  4 = import java.util.ArrayList;
     import java.util.Scanner;
      public class main {
           static ArrayList<Posttest2> kamarkost = new ArrayList<>();
 10
           static Scanner sc= new Scanner(source: System.in);
 11
 12 🖃
           public static void main(String[] args) {
 13
               while (true) {
 14
                  System.out.println(x: "\n\n Program Pendataan Kamar Kost Irene Rvelvet");
                   System.out.println(x: "==
 15
                  System.out.println(x: "1. Insert");
 16
                   System.out.println(x: "2. Display");
 17
                   System.out.println(x: "3. Update");
 18
 19
                   System.out.println(x: "4. Delete");
 20
                   System.out.println(x: "5. Exit");
                    System.out.println("No \t Nama Penyewa \t Harga kamar \t lantai Kamar ");
 21
 22
                   System.out.println(x: "==
 23
 24
                   System.out.print(s: "Masukkan Pilihan: ");
 26
                   int choice = sc.nextInt();
 27
 28
                    switch (choice) {
 29
                       case 1:
                           insertbuat();
                           break;
```

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Source History | 😭 📮 - 📮 - | 🔼 🐶 🖶 🗔 | 🔗 😓 | 🚉 💇 | 💿 🗆 | 🕌 📑
32
                     case 2:
33
                        displaybuat();
34
                        break;
35
                     case 3:
36
                       updatebuat():
37
                        break:
38
                     case 4:
39
                        deletebuat();
 40
41
                     case 5:
42
                          System.out.println("====
                        System.out.println(x: " \n PROGRAM SELESAI
43
44
                          45
                        System.exit(status: 0);
                     default:
47
                        System.out.println(x: "Masukkan angka 1-5 saja!");
48
49
             1
50
51
52 🖃
          static void insertbuat() {
53
            System.out.println(x: "\n\n Program Pendataan Kamar Kost Irene Rvelvet");
             System.out.println(x: "==
54
             System.out.print(s: "Masukkan Nomor Kamar : ");
55
56
             sc.nextLine();
57
             int no = sc.nextInt();
            System.out.print(s: "Masukkan Nama Penyewa : ");
59
             sc.nextLine();
60
             String nama = sc.next();
61
             System.out.print(s: "Masukkan Lantai Kamar : ");
62
             sc.nextLine();
                                            ... 6.51
```

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62
               sc.nextLine();
63
               String lantai kamar = sc.next();
64
               sc.nextLine();
65
                String harga = sc.nextLine();
66
               System.out.print(s: "Masukkan Harga
                                                            : ");
                 sc.nextLine();
68
               String harga = sc.nextLine();
              System.out.println(x: "=
69
70
71
              Posttest2 data = new Posttest2(no, nama, lantai_kamar, harga);
72
               kamarkost.add(e: data);
73
               System.out.println(x: "Data berhasil ditambahkan!");
74
75
76 =
           static void displaybuat() {
77
              System.out.println(x: "\n\n Program Pendataan Kamar Kost Irene Rvelvet");
78
               System.out.println(x: "=====
79
               if (kamarkost.isEmpty()) {
80
                   System.out.println(x: "\nData kosong");
81
               } else {
82
83
                   for (int i = 0; i < kamarkost.size(); i++) {</pre>
84
                          System.out.println("\n\n Program Pendataan Kamar Kost Irene Rvelvet");
85
                          System.out.println("=====
86
                        System.out.println("
                                                 Data ke-" + (i + 1));
87
                        System.out.println(x: "=====
                                                                            ==");
                        System.out.println("No Kamar : " + kamarkost.get(index: i).getNo());
88
                       System.out.println("Nama Penyewa : " + kamarkost.get(index: i).getNama());
System.out.println("Lantai Kamar : " + kamarkost.get(index: i).getLantai_kamar());
System.out.println("Harga : " + kamarkost.get(index: i).getHarga());
89
90
91
                        System.out.println(x: "=
```

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93
94
                     System.out.println():
95
                 1
96
97
99 🖃
          static void updatebuat() {
             System.out.println(x: "\n\n Program Pendataan Kamar Kost Irene Rvelvet");
100
             System.out.println(x: "===
101
102
              if (kamarkost.isEmpty()) {
103
                 System.out.println(x: "Kosong!");
104
              } else {
105
                 System.out.print(s: "Ubah pada data ke : ");
                 int index = sc.nextInt() - 1;
106
107
108
                 if (index < 0 || index >= kamarkost.size()) {
109
                    System.out.println(x: "Inputan salah!");
110
                 } else {
111
                    System.out.print(s: "Masukkan Nomor Kamar : ");
                     int no = sc.nextInt();
112
113
114
                     System.out.print(s: "Masukkan Nama Penyewa : ");
115
                     String nama = sc.next();
116
117
                     System.out.print(s: "Masukkan Lantai Kamar : ");
118
                     String lantai_kamar = sc.next();
119
120
                     System.out.print(s: "Masukkan Harga
                                                            : ");
121
                     String harga = sc.next();
122
```

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Start Page × 🐧 KamarKostlrene.java × 🚳 Posttest2.java × 🚳 main.java ×
Source History | 🔀 👺 + 🐺 + | 🔼 🐶 🖶 🖫 | 😭 🐈 🔂 | ♦ | ♦ 💆 🕌 🔝 | ♦ |
123
                       Posttest2 data = new Posttest2(no, nama, lantai_kamar, harga);
 Q
                    kamarkost.set(index, element:data);
125
126
127
                      System.out.println(x: "Berhasil");
128
                   System.out.println(x: ":
129
130
131
132
133 📮
           static void deletebuat() {
134
                   if (kamarkost.isEmpty()) {
                      System.out.println(x: "Kosong!");
135
136
                   } else {
137
                       System.out.print(s: "Hapus pada data ke : ");
138
                       int index = sc.nextInt() - 1;
139
140
                       if (index < 0 || index >= kamarkost.size()) {
                           System.out.println(x: " data tidak sesuai!");
141
142
                       } else {
143
                           kamarkost.remove(index);
144
                           System.out.println(x: "
                                                        Berhasil Dihapus!");
145
146
147
148
149
150
```

File name: Posttest2

```
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Source History | 🔀 👼 🔻 🔻 🗸 🞝 😓 🗔 | 🚰 🚭 | 🍮 🖸 | 🕌 📑
                                                                                                                       4
     package posttest2;
     public class Posttest2 {
         private int no;
8
        private String nama;
        private String lantai_kamar;
10
        private String harga;
11
     // constructor
12
13 🖃
       public Posttest2 (int no, String nama, String lantai_kamar, String harga) {
14
     //keyword this untuk memnaggil property kelas itu sendiri
15
               this.no = no;
16
                this.nama = nama;
17
                this.lantai kamar= lantai kamar;
18
               this.harga = harga;
19
20
21 📮
         public int getNo() {
         return no;
22
23
24
25 🖃
         public void setNo(int no) {
26
         this.no = no;
27
28
29
30 🖃
         public String getNama() {
         return nama;
```

```
Start Page × 🚯 KamarKostlrene.java × 🚳 Posttest2.java × 🚳 main.java ×
32
33
34
35 📮
        public void setNama(String nama) {
36
          this.nama = nama;
37
38
39
40 📮
        public String getLantai_kamar() {
          return lantai_kamar;
41
42
43
44
45 =
        public void setLantai_kamar(String lantai kamar) {
46
          this.lantai_kamar = lantai_kamar;
47
48
49
50 🖃
        public String getHarga() {
51
          return harga;
52
53
54
55 📮
        public void setHarga(String harga) {
56
           this.harga = harga;
57
58
59
60
    }
61
```