

Nama : Nanda Sheptiana

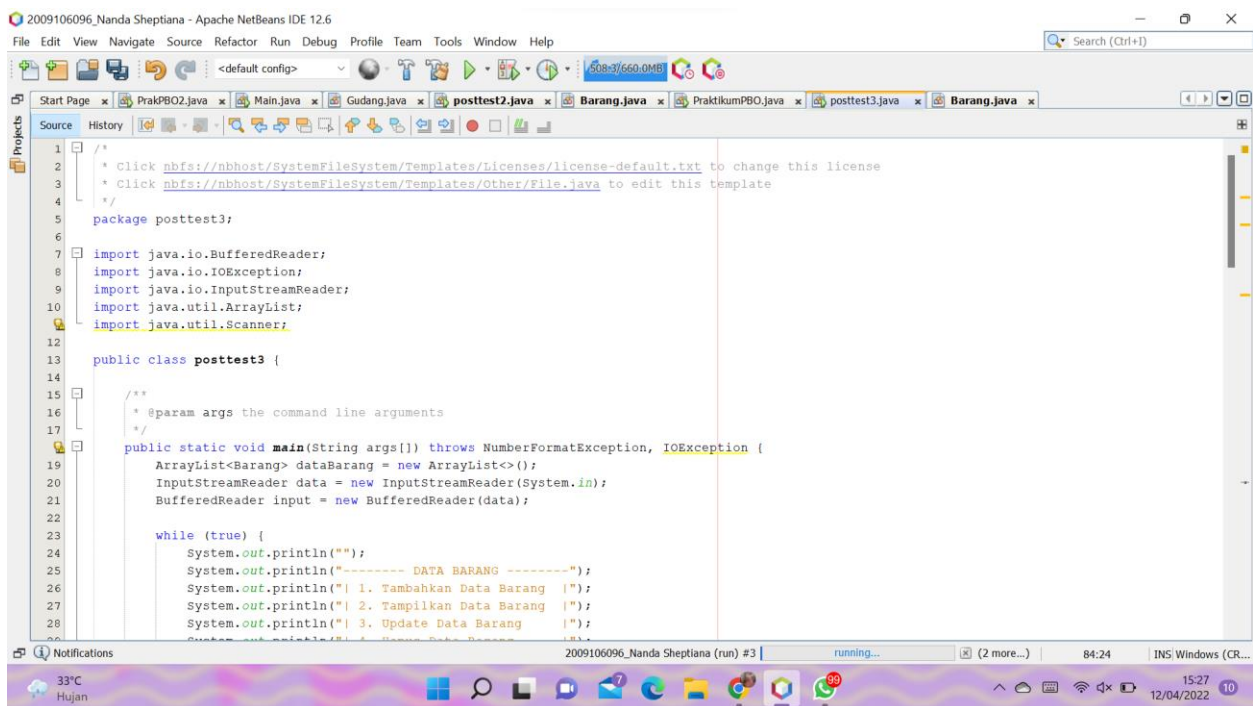
NIM : 2009106096

Kelas : Informatika B 2020

POSTTEST 3 PRAKTIKUM B2 PBO

SS PROGRAM

File java



```
1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Other/File.java to edit this template
4  */
5  package posttest3;
6
7  import java.io.BufferedReader;
8  import java.io.IOException;
9  import java.io.InputStreamReader;
10 import java.util.ArrayList;
11 import java.util.Scanner;
12
13 public class posttest3 {
14
15     /**
16      * @param args the command line arguments
17      */
18
19     public static void main(String args[]) throws NumberFormatException, IOException {
20         ArrayList<Barang> dataBarang = new ArrayList<>();
21         InputStreamReader data = new InputStreamReader(System.in);
22         BufferedReader input = new BufferedReader(data);
23
24         while (true) {
25             System.out.println("");
26             System.out.println("----- DATA BARANG -----");
27             System.out.println("| 1. Tambahkan Data Barang |");
28             System.out.println("| 2. Tampilkan Data Barang |");
29             System.out.println("| 3. Update Data Barang |");
30             System.out.println("-----");
31             int pilihan = Integer.parseInt(input.readLine());
32
33             switch (pilihan) {
34                 case 1:
35                     // Tambahkan Data Barang
36                     break;
37                 case 2:
38                     // Tampilkan Data Barang
39                     break;
40                 case 3:
41                     // Update Data Barang
42                     break;
43                 default:
44                     break;
45             }
46         }
47     }
48 }
```

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<default config> 540.6/660.0MB

Start Page x PrakPBO2.java x Gudang.java x posttest2.java x Barang.java x PraktikumPBO.java x posttest3.java x Barang.java x

Source History

```
23 while (true) {
24     System.out.println("");
25     System.out.println("----- DATA BARANG -----");
26     System.out.println("1. Tambahkan Data Barang |");
27     System.out.println("2. Tampilkan Data Barang |");
28     System.out.println("3. Update Data Barang |");
29     System.out.println("4. Hapus Data Barang |");
30     System.out.println("5. Keluar |");
31     System.out.println("-----");
32     System.out.print("Menu [1-5] : ");
33     int menu = Integer.parseInt(input.readLine());
34     System.out.println("");
35
36     switch (menu) {
37     case 1:
38         System.out.print("Masukkan nama barang : ");
39         String nama = input.readLine();
40         System.out.print("Masukkan id barang : ");
41         String id = input.readLine();
42         System.out.print("Masukkan kategori barang : ");
43         String kategori = input.readLine();
44         System.out.print("Masukkan jumlah barang : ");
45         int jumlah = Integer.parseInt(input.readLine());
46         System.out.print("Masukkan harga barang : ");
47         int harga = Integer.parseInt(input.readLine());
48
49         Barang barangBaru = new Barang(nama, id, kategori, jumlah, harga);
50         dataBarang.add(barangBaru);
51     }
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 35:1 INS Windows (CR... 33°C Hujan 15:59 12/04/2022

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<default config> 420.3/660.0MB

Start Page x PrakPBO2.java x Gudang.java x posttest2.java x Barang.java x PraktikumPBO.java x posttest3.java x Barang.java x

Source History

```
48 Barang barangBaru = new Barang(nama, id, kategori, jumlah, harga);
49 dataBarang.add(barangBaru);
50 break;
51
52
53 case 2:
54     System.out.println("");
55     for (int i = 0; i < dataBarang.size(); i += 1) {
56         System.out.println("");
57         System.out.println("Barang ke-" + (i + 1));
58         dataBarang.get(i).display();
59     }
60     break;
61
62 case 3:
63     System.out.print("Masukkan nama barang yang akan di update : ");
64     String name = input.readLine();
65
66     for (Barang barang : dataBarang) {
67         if (barang.getNama().equals(name)) {
68             System.out.print("Nama Barang : ");
69             barang.setNama(input.readLine());
70             System.out.print("Id Barang : ");
71             barang.setId(input.readLine());
72             System.out.print("Kategori Barang : ");
73             barang.setKategori(input.readLine());
74             System.out.print("Jumlah Barang : ");
75             barang.setJumlah(Integer.parseInt(input.readLine()));
76             System.out.print("Harga Barang : ");
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 38:44 INS Windows (CR... 33°C Hujan 15:59 12/04/2022

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<default config> 429.4/660.0MB

Start Page x PraktekPBO2.java x Main.java x Gudang.java x posttest2.java x Barang.java x PraktikumPBO.java x posttest3.java x Barang.java x

Source History

```
65 for (Barang barang : dataBarang){
66     if (barang.getNama().equals(name)){
67         System.out.print(" Nama Barang      : ");
68         barang.setNama(input.readLine());
69         System.out.print(" Id Barang        : ");
70         barang.setId(input.readLine());
71         System.out.print(" Kategori Barang : ");
72         barang.setKategori(input.readLine());
73         System.out.print(" Jumlah Barang   : ");
74         barang.setJumlah(Integer.parseInt(input.readLine()));
75         System.out.print(" Harga Barang    : ");
76         barang.setHarga(Integer.parseInt(input.readLine()));
77         break;
78     }
79 }
80
81 break;
82
83
84 case 4:
85     System.out.print("Masukkan ID barang yang akan di hapus : ");
86     String idbarang = input.readLine();
87
88     for (int i = 0; i < dataBarang.size(); i++) {
89         if (dataBarang.get(i).getId().equals(idbarang)) {
90             dataBarang.remove(i);
91             break;
92         }
93     }
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 72:48 INS Windows (CR... 33°C Hujan 15:59 12/04/2022

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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

<default config> 522.4/660.0MB

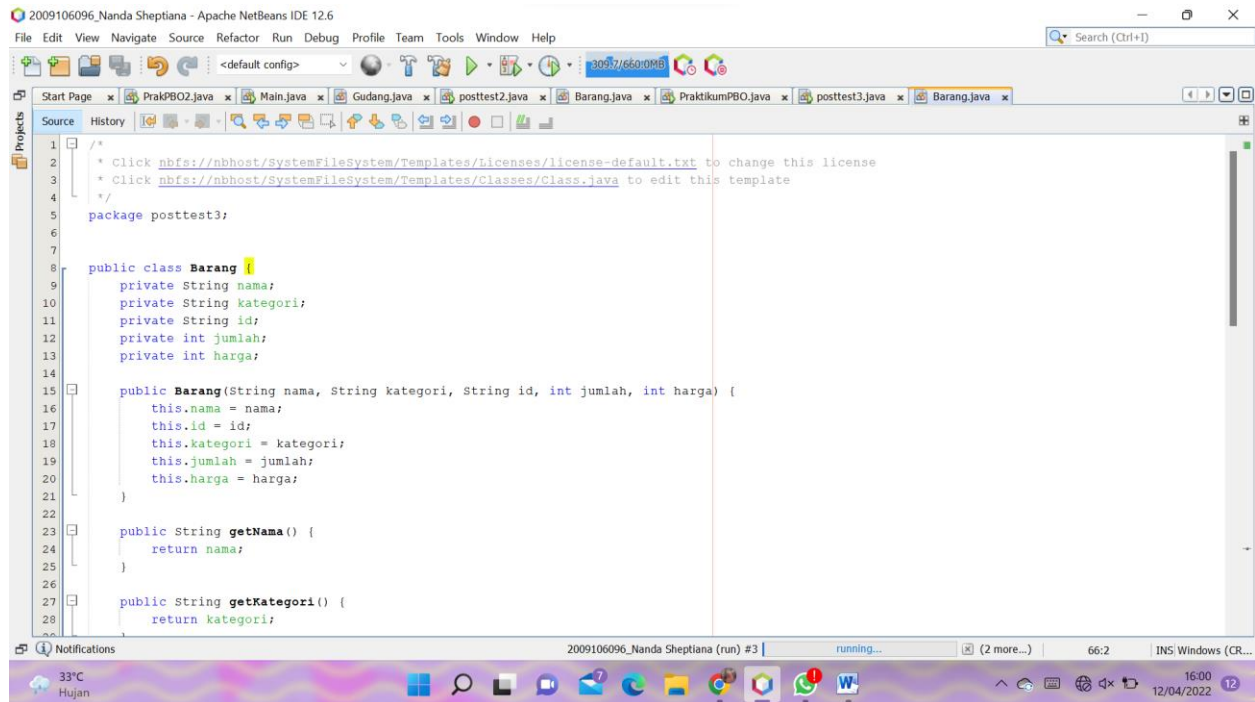
Start Page x PraktekPBO2.java x Main.java x Gudang.java x posttest2.java x Barang.java x PraktikumPBO.java x posttest3.java x Barang.java x

Source History

```
81 break;
82
83
84 case 4:
85     System.out.print("Masukkan ID barang yang akan di hapus : ");
86     String idbarang = input.readLine();
87
88     for (int i = 0; i < dataBarang.size(); i++) {
89         if (dataBarang.get(i).getId().equals(idbarang)) {
90             dataBarang.remove(i);
91             break;
92         }
93     }
94     break;
95
96 case 5:
97     System.out.println("");
98     System.out.println("ANDA TELAH KELUAR DARI PROGRAM");
99     System.exit(0);
100     break;
101
102 default:
103     System.out.println("Menu tidak ada");
104     break;
105 }
106 }
107 }
108 }
109 }
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 109:1 INS Windows (CR... 33°C Hujan 16:00 12/04/2022

File class



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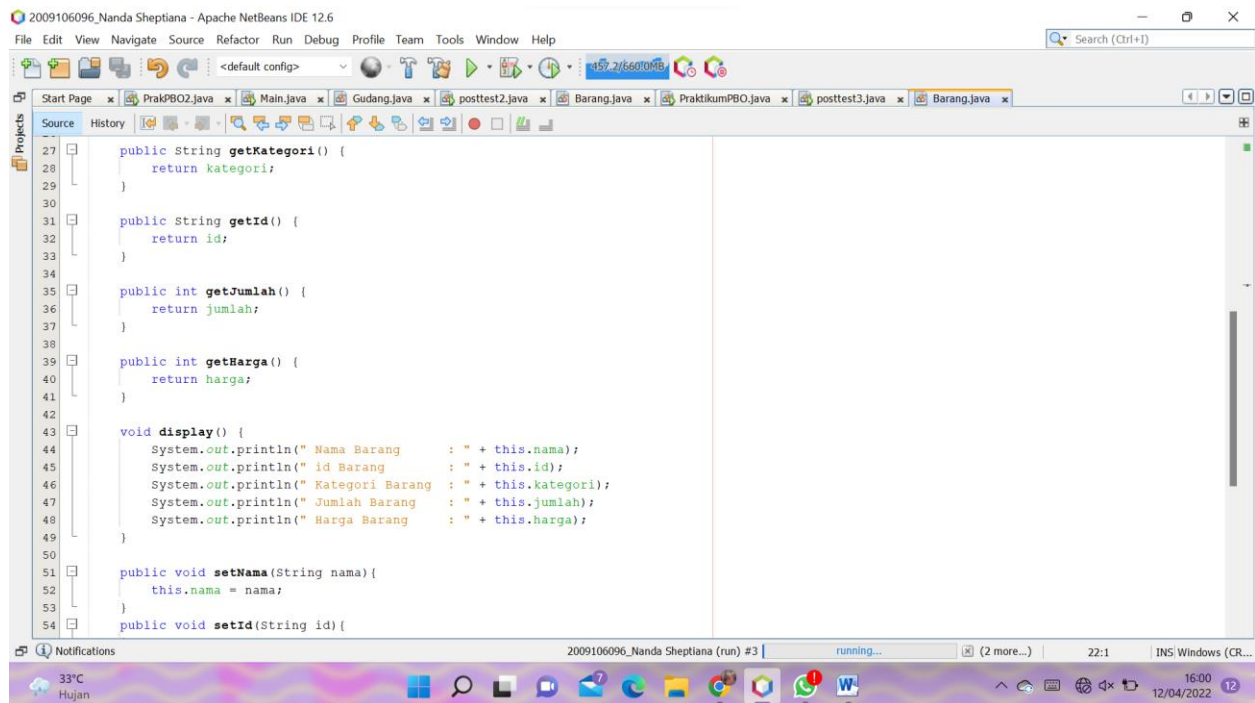
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

<default config> 305.2/660.0MB

Start Page x PratikPBO2.java x Main.java x Gudang.java x posttest2.java x Barang.java x PratikPBO.java x posttest3.java x Barang.java

```
1 /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4  */
5 package posttest3;
6
7
8 public class Barang {
9     private String nama;
10    private String kategori;
11    private String id;
12    private int jumlah;
13    private int harga;
14
15    public Barang(String nama, String kategori, String id, int jumlah, int harga) {
16        this.nama = nama;
17        this.id = id;
18        this.kategori = kategori;
19        this.jumlah = jumlah;
20        this.harga = harga;
21    }
22
23    public String getNama() {
24        return nama;
25    }
26
27    public String getKategori() {
28        return kategori;
29    }
30
31    public String getId() {
32        return id;
33    }
34
35    public int getJumlah() {
36        return jumlah;
37    }
38
39    public int getHarga() {
40        return harga;
41    }
42
43    void display() {
44        System.out.println(" Nama Barang      : " + this.nama);
45        System.out.println(" id Barang      : " + this.id);
46        System.out.println(" Kategori Barang : " + this.kategori);
47        System.out.println(" Jumlah Barang  : " + this.jumlah);
48        System.out.println(" Harga Barang   : " + this.harga);
49    }
50
51    public void setNama(String nama){
52        this.nama = nama;
53    }
54    public void setId(String id){
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 66:2 INS Windows (CR... 33°C Hujan 16:00 12/04/2022



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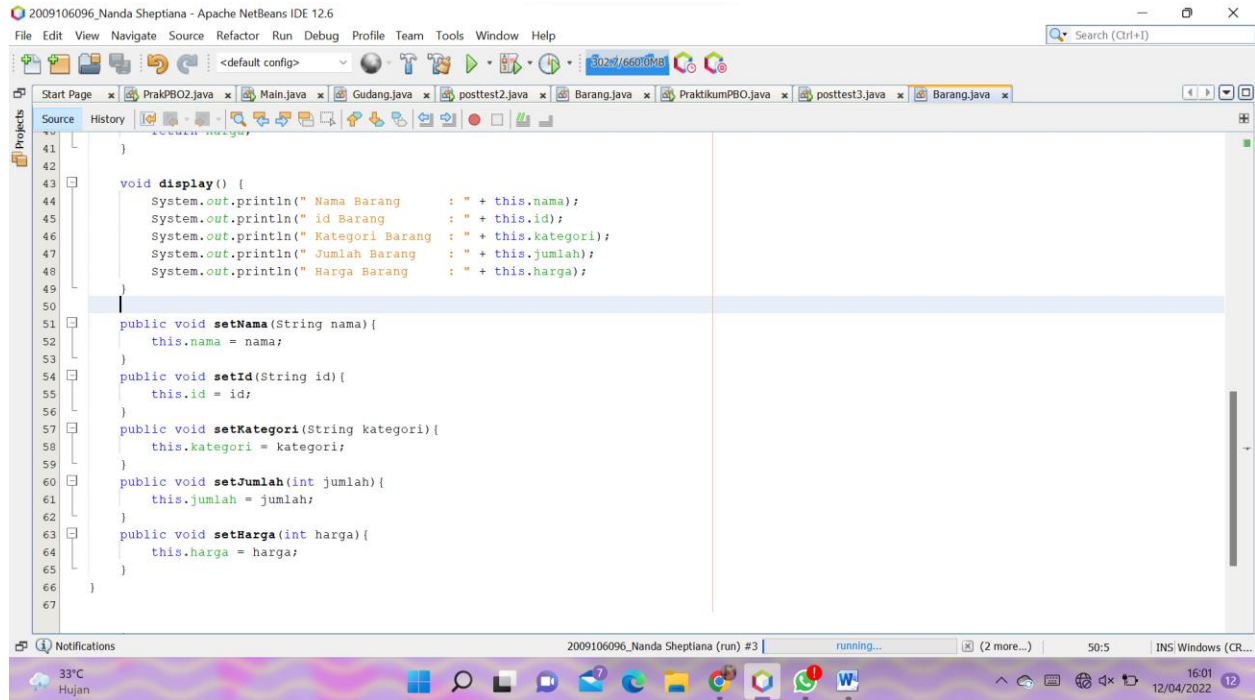
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

<default config> 157.2/660.0MB

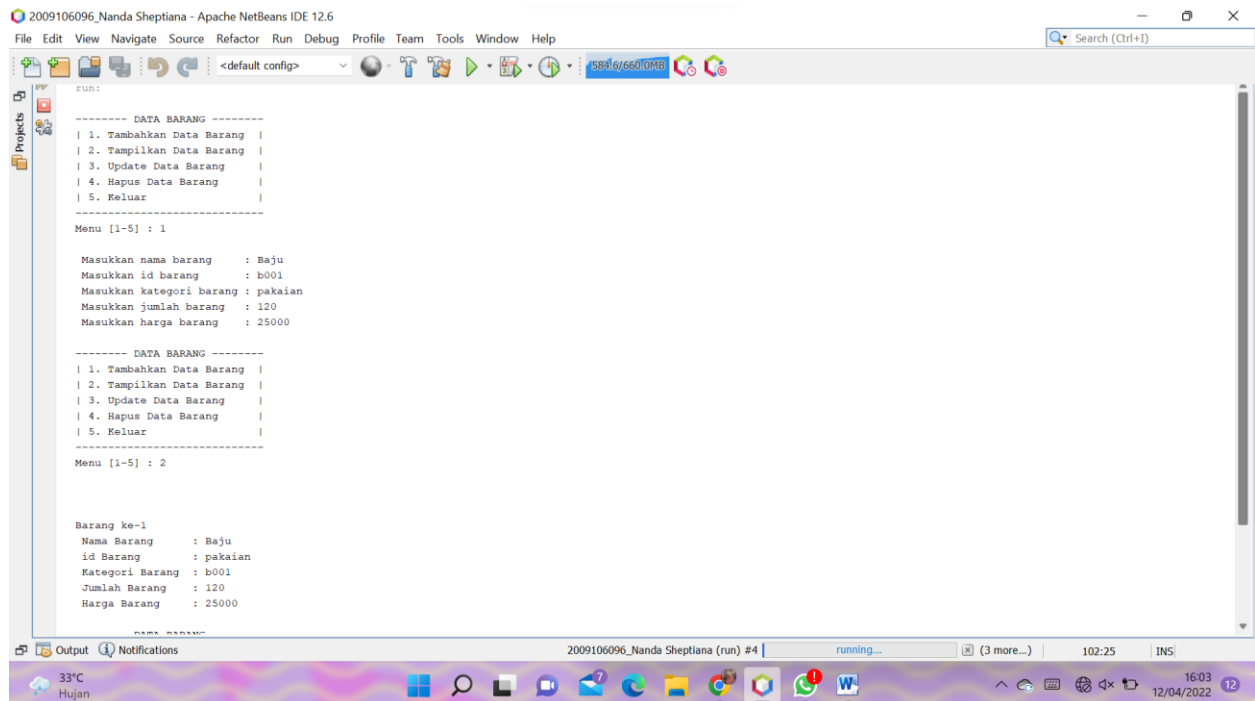
Start Page x PratikPBO2.java x Main.java x Gudang.java x posttest2.java x Barang.java x PratikPBO.java x posttest3.java x Barang.java

```
27    public String getKategori() {
28        return kategori;
29    }
30
31    public String getId() {
32        return id;
33    }
34
35    public int getJumlah() {
36        return jumlah;
37    }
38
39    public int getHarga() {
40        return harga;
41    }
42
43    void display() {
44        System.out.println(" Nama Barang      : " + this.nama);
45        System.out.println(" id Barang      : " + this.id);
46        System.out.println(" Kategori Barang : " + this.kategori);
47        System.out.println(" Jumlah Barang  : " + this.jumlah);
48        System.out.println(" Harga Barang   : " + this.harga);
49    }
50
51    public void setNama(String nama){
52        this.nama = nama;
53    }
54    public void setId(String id){
```

Notifications 2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 22:1 INS Windows (CR... 33°C Hujan 16:00 12/04/2022



SS OUTPUT



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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+F)

<default config>

30737/660.0MB

```
----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 3

Masukkan nama barang yang akan di update : Baju
Nama Barang      : panci
Id Barang        : p001
Kategori Barang  : perabotan
Jumlah Barang    : 100
Harga Barang     : 20000

----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 2

Barang ke-1
Nama Barang      : panci
id Barang        : p001
Kategori Barang  : perabotan
Jumlah Barang    : 100
Harga Barang     : 20000

----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 2
```

Output Notifications

2009106096_Nanda Sheptiana (run) #4 running... (3 more...) 102:25 INS

33°C Hujan 16:04 12/04/2022

2009106096_Nanda Sheptiana - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+F)

<default config>

43737/660.0MB

```
----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 4

Masukkan ID barang yang akan di hapus : p001

----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 2

----- DATA BARANG -----
| 1. Tambahkan Data Barang |
| 2. Tampilkan Data Barang |
| 3. Update Data Barang   |
| 4. Hapus Data Barang    |
| 5. Keluar               |
|                           |
|-----|
Menu [1-5] : 5

ANDA TELAH KELUAR DARI PROGRAM
BUILD SUCCESSFUL (total time: 3 minutes 16 seconds)
```

Output Notifications

2009106096_Nanda Sheptiana (run) #3 running... (2 more...) 102:25 INS

33°C Hujan 16:05 12/04/2022