

1. Hasil Output

The screenshot displays a Java IDE environment. On the left, a window titled "Data Barang" contains a form with input fields for "Kode Barang", "Nama Barang", "Harga Barang", and "Stok Barang", along with buttons for "Baru", "Simpan", "Ubah", and "Hapus". Below the form is a table with the following data:

Kode	Nama	Harga	Stok
A001	Laptop	1500	20
A002	Lemari	1000	35
K001	Kerudung	35000	200

The main editor shows the "FormToko.java" file with the following code:

```
FormToko.java x J ConnectDB.java
nToko.java > FormToko > simpanData(Toko)
data(Toko pjt)

Connection cn = new ConnectDB().getConnection();
Statement st = cn.createStatement();
String sql = "INSERT INTO tbl_barang (kode_barang, nama_barang, harga_barang, stok_barang) " +
    "VALUES ('" + M.getKode() + "', '" + M.getNama() + "', '" + M.getHarga() + "', '" + M.getStok() + "')";
ResultSet result = st.executeUpdate(sql);
cn.close();

OptionPane.showMessageDialog(parentComponent:null, message:"Data Berhasil Disimpan",
    title:"Info Proses", JOptionPane.INFORMATION_MESSAGE);
String [] data = {M.getKode(), M.getNama(), M.getHarga(), M.getStok()};
JTable.addRow(data);
catch (SQLException ex) {
    printStackTrace();
}

Data(String kode){

Connection cn = new ConnectDB().getConnection();
Statement st = cn.createStatement();
```

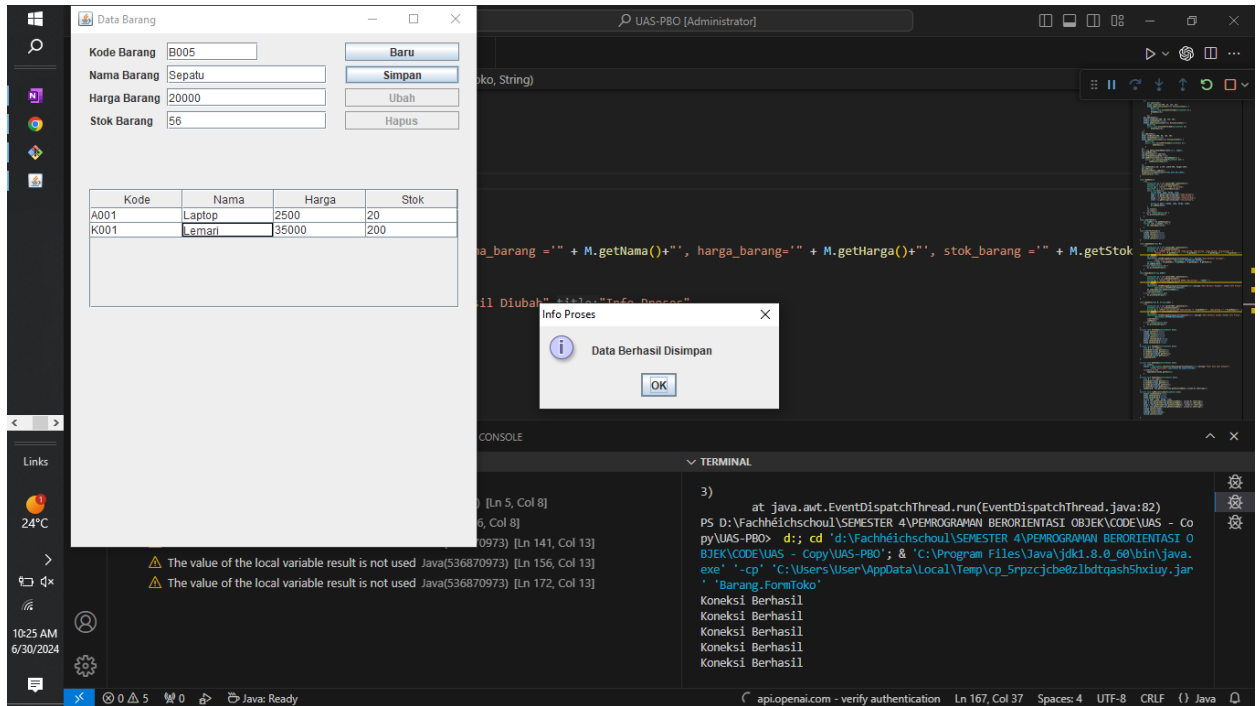
The bottom panel shows the "TERMINAL" with the following output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

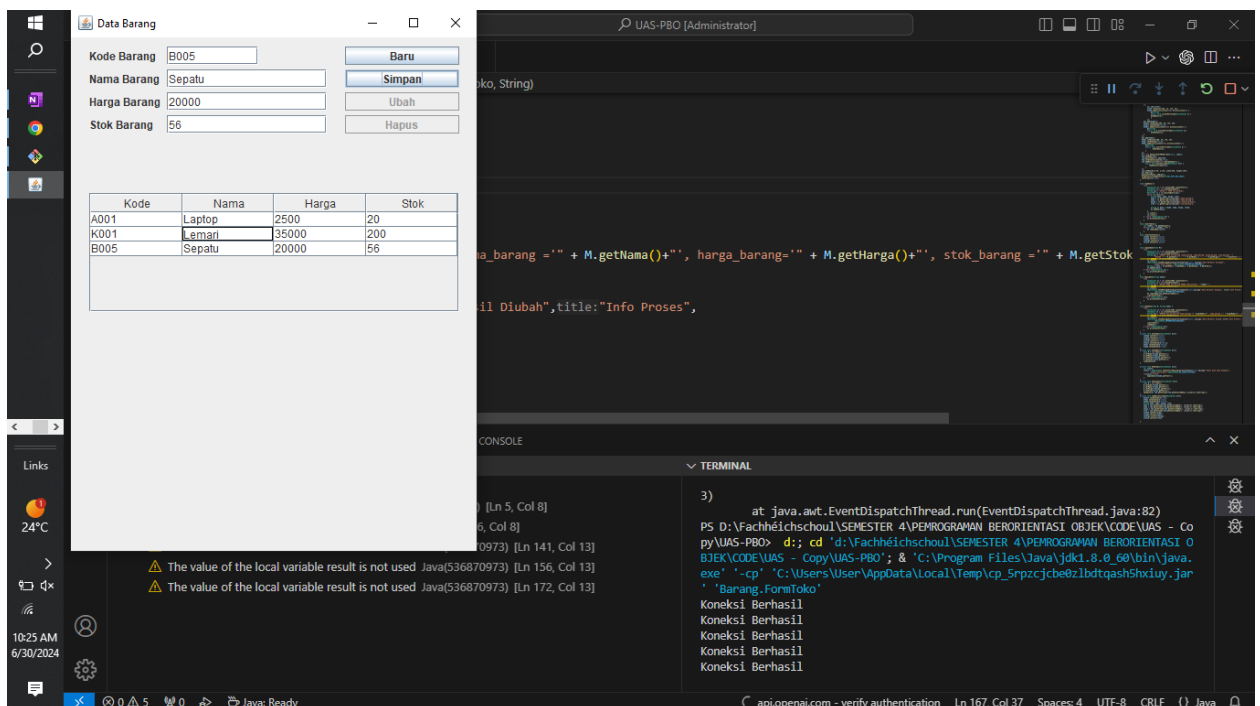
PS D:\Fachheichschou\SEMESTER 4\PEMROGRAMAN BERORIENTASI O
BJEK\CODE\UAS - Copy\UAS-PBO> & "C:\Program Files\Java\jdk
1.8.0_60\bin\java.exe" -cp "C:\Users\User\AppData\Local\T
emp\cp_SrpzcJcb0z1bdtqashShxLuy.jar" "Barang.FormToko"
Koneksi Berhasil
```

2. Insert / menambahkan data baru



The screenshot shows a Java application window titled "Data Barang" with a form for adding new items. The form fields are: Kode Barang (B005), Nama Barang (Sepatu), Harga Barang (20000), and Stok Barang (56). Below the form is a table with columns: Kode, Nama, Harga, and Stok. The table contains three rows: A001 (Laptop, 2500, 20), K001 (Lemari, 35000, 200), and B005 (Sepatu, 20000, 56). The "Info Proses" dialog box is displayed, showing "Data Berhasil Disimpan".

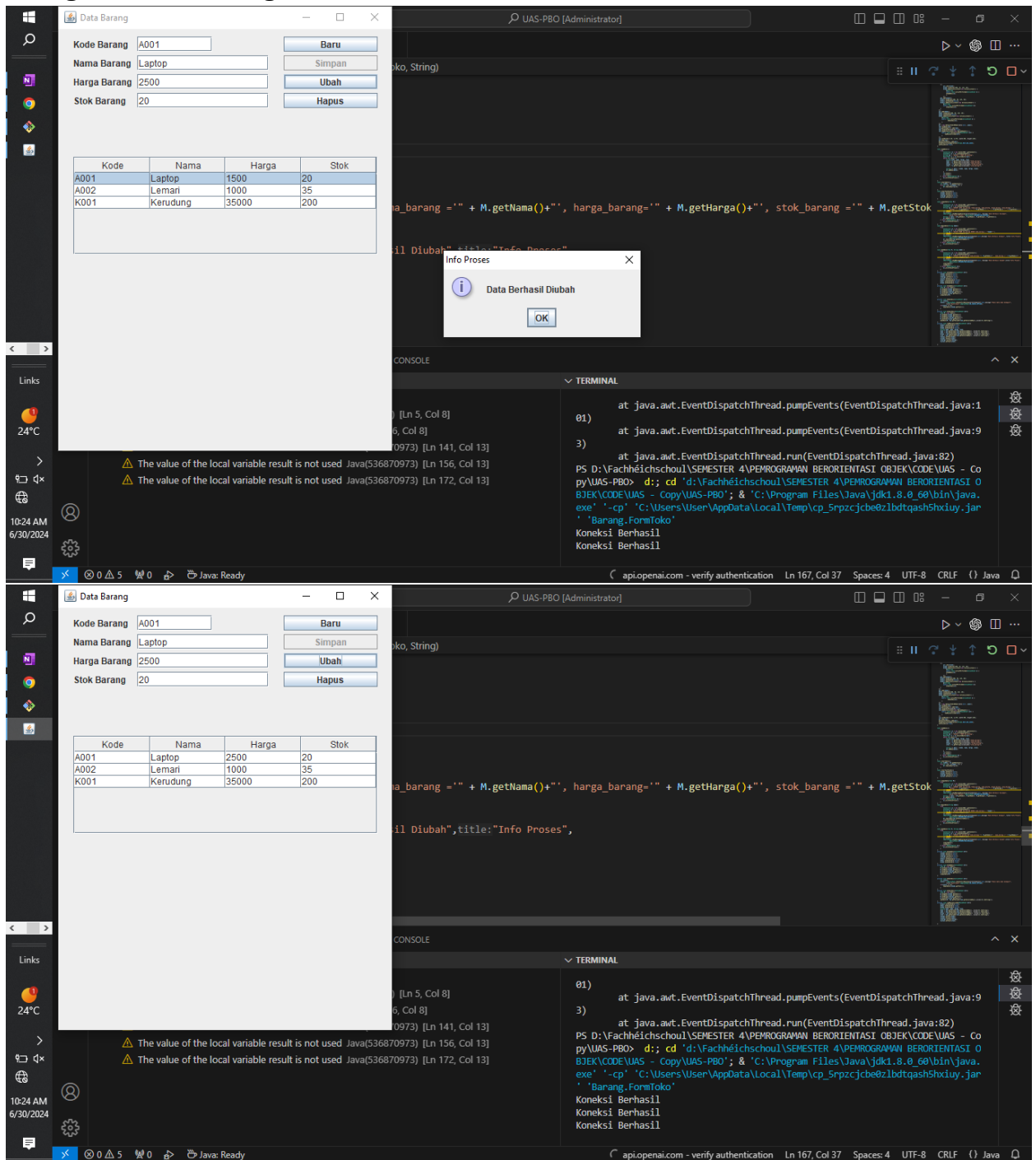
Kode	Nama	Harga	Stok
A001	Laptop	2500	20
K001	Lemari	35000	200
B005	Sepatu	20000	56



The screenshot shows the same Java application window titled "Data Barang". The form fields are: Kode Barang (B005), Nama Barang (Sepatu), Harga Barang (20000), and Stok Barang (56). Below the form is a table with columns: Kode, Nama, Harga, and Stok. The table contains three rows: A001 (Laptop, 2500, 20), K001 (Lemari, 35000, 200), and B005 (Sepatu, 20000, 56). The "Info Proses" dialog box is no longer visible.

Kode	Nama	Harga	Stok
A001	Laptop	2500	20
K001	Lemari	35000	200
B005	Sepatu	20000	56

3. Mengubah data dengan kata kunci kode



The screenshot displays a Java IDE environment with a window titled "Data Barang" and a terminal window. The "Data Barang" window contains a form for entering data and a table showing the current data.

Data Barang Form:

- Kode Barang: A001
- Nama Barang: Laptop
- Harga Barang: 2500
- Stok Barang: 20

Data Barang Table:

Kode	Nama	Harga	Stok
A001	Laptop	1500	20
A002	Lemari	1000	35
K001	Kerudung	35000	200

The terminal window shows the execution of a Java program. The output indicates that the data was successfully updated:

```
PS D:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK\CODE\UAS - Copy\UAS-PBO> cd "d:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI O  
BJEK\CODE\UAS - Copy\UAS-PBO"; & "C:\Program Files\Java\jdk1.8.0_60\bin\java.  
exe" "-cp" "C:\Users\User\AppData\Local\Temp\cp_5rpzcjcb0z1bdtqashShxuy.jar"  
"Barang.FormToko"  
Koneksi Berhasil  
Koneksi Berhasil  
Koneksi Berhasil
```

4. Menghapus data

The screenshot shows a Java application window titled "Data Barang" with a table of goods and a confirmation dialog box.

Data Barang Window:

- Form fields: Kode Barang (A002), Nama Barang (Lemari), Harga Barang (1000), Stok Barang (35).
- Buttons: Baru, Simpan, Ubah, Hapus.
- Table:

Kode	Nama	Harga	Stok
A001	Laptop	2500	20
A002	Lemari	1000	35
K001	Kerudung	35000	200

Confirmation Dialog:

Konfirmasi
Yakin data akan dihapus?
OK Cancel

IDE Console:

```
01) at java.awt.EventQueueThread.pumpEvents(EventDispatchThread.java:9  
3) at java.awt.EventQueueThread.run(EventDispatchThread.java:82)  
PS D:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK\CODE\UAS - Co  
py\UAS-PBO> d:: cd 'd:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI O  
BJEK\CODE\UAS - Copy\UAS-PBO'; & 'C:\Program Files\Java\jdk1.8.0_60\bin\java.  
exe' '-cp' 'C:\Users\User\AppData\Local\Temp\cp_5rpzcjcb0z1bdtqash5hxiuy.jar'  
'Barang.FormToko'  
Koneksi Berhasil  
Koneksi Berhasil  
Koneksi Berhasil
```

The screenshot shows the same Java application window after deleting data. The table now only contains two rows.

Data Barang Window:

- Form fields: Kode Barang, Nama Barang, Harga Barang, Stok Barang.
- Buttons: Baru, Simpan, Ubah, Hapus.
- Table:

Kode	Nama	Harga	Stok
A001	Laptop	2500	20
K001	Lemari	35000	200

IDE Console:

```
3) at java.awt.EventQueueThread.pumpEvents(EventDispatchThread.java:9  
at java.awt.EventQueueThread.run(EventDispatchThread.java:82)  
PS D:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK\CODE\UAS - Co  
py\UAS-PBO> d:: cd 'd:\Fachheichschoul\SEMESTER 4\PEMROGRAMAN BERORIENTASI O  
BJEK\CODE\UAS - Copy\UAS-PBO'; & 'C:\Program Files\Java\jdk1.8.0_60\bin\java.  
exe' '-cp' 'C:\Users\User\AppData\Local\Temp\cp_5rpzcjcb0z1bdtqash5hxiuy.jar'  
'Barang.FormToko'  
Koneksi Berhasil  
Koneksi Berhasil  
Koneksi Berhasil  
Koneksi Berhasil
```