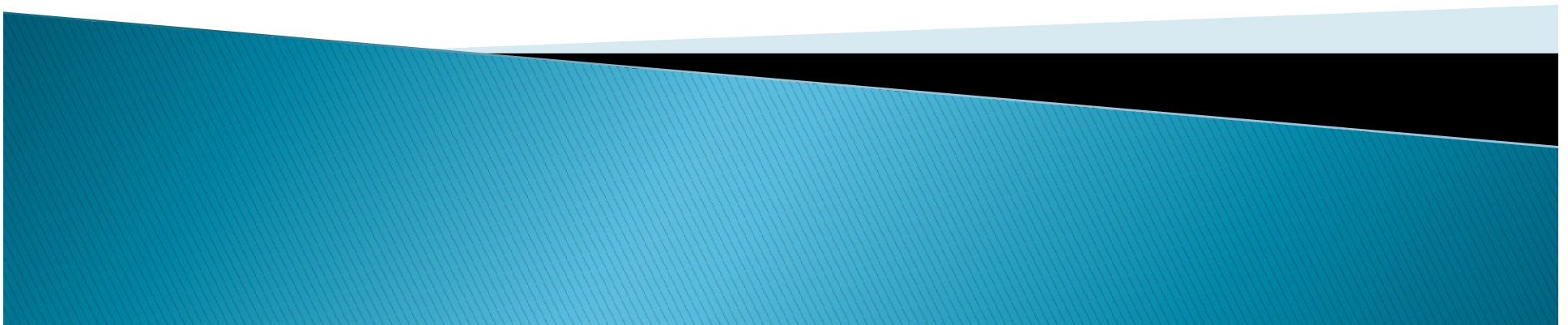


# PERTEMUAN 29 DAN 30

HAPUS DATA DAN TABEL+ DB SQL  
SERVER 2008 + VB.NET



# TAMPILAN FORM 1

- ▶ LANJUTKAN FORM YANG LALU SEPERTI DI SAMPING
- ▶ TAMBAHKAN BUTTON HAPUS
- ▶ UBAH NAMANYA MENJADI : **btnHAPUS**

The screenshot shows a Java Swing window titled "DATA BUKU" with a yellow background. The window contains the following elements:

- Title bar: "DATA BUKU" with standard window controls (minimize, maximize, close).
- Header: "DATA BUKU TOKO "GRAMEDE"" and "08012806060007 ARI PURNOMO".
- Form fields:
  - "KODE BUKU": A text input field and a dropdown menu.
  - "JENIS BUKU": A text input field.
  - "JUDUL BUKU": A text input field.
  - "LOKASI RAK": A text input field.
  - "HARGA BUKU": A text input field.
  - "KLASIFIKASI BUKU": A text input field.
- Buttons:
  - "KONEKSI", "CLEAR", "KELUAR", "HAPUS", and "SIMPAN DATA".
- A large gray rectangular area on the right side of the form, likely a placeholder for a list or table.

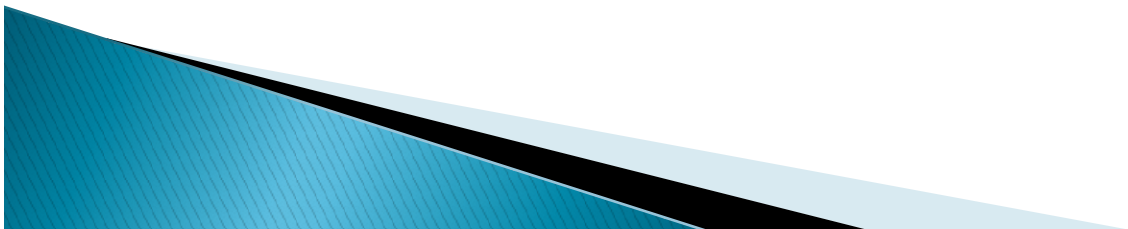
# HAPUS DATA

- ▶ Tambahkan button HAPUS dan ubah name menjadi seperti dibawah

```
Private Sub btnHAPUS_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHAPUS.Click
```

- ▶ Tambahkan kode seperti dibawah

```
Dim deleteQuery As String = "DELETE BUKU where kdbuku = @kdbuku"
```



# HAPUS DATA

- ▶ Lalu tambahkan kode seperti dibawah

```
Dim deleteQuery As String = "DELETE BUKU where kdbuku = @kdbuku"

' Meminta ID yang akan dihapus dari pengguna
Dim input As String = InputBox("Masukkan ID yang akan dihapus:", "Hapus Data")

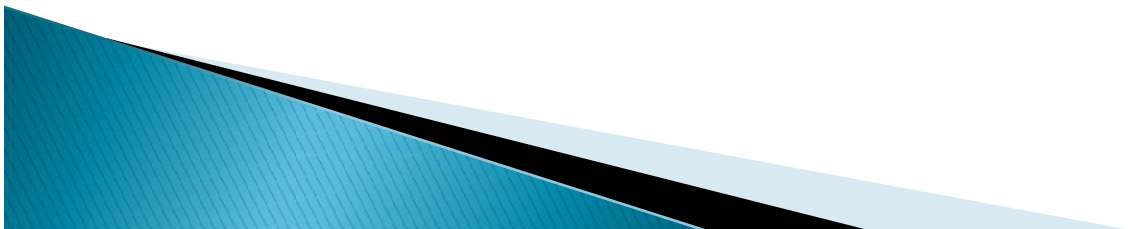
' Pastikan input tidak kosong dan valid
If Not String.IsNullOrEmpty(input) Then
    Using deleteCmd As New SqlCommand(deleteQuery, conn)
        deleteCmd.Parameters.AddWithValue("@kdbuku", input)

    Try
        ' Jalankan query
        Dim rowsAffected As Integer = deleteCmd.ExecuteNonQuery()
        ' Periksa apakah ada baris yang dihapus
        If rowsAffected > 0 Then
            MessageBox.Show("Data berhasil dihapus.", "Informasi", _
                MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data tidak ditemukan.", "Peringatan", _
                MessageBoxButtons.OK, MessageBoxIcon.Warning)
        End If
    End If
End If
```

# HAPUS DATA

## ▶ Lanjutkan

```
        Catch ex As Exception
            MessageBox.Show("Kode Error: " & ex.Message)
        End Try
    End Using
End If
End Sub
```



# HAPUS DATA

## ▶ PENJELASAN

### ▶ **deleteQuery:**

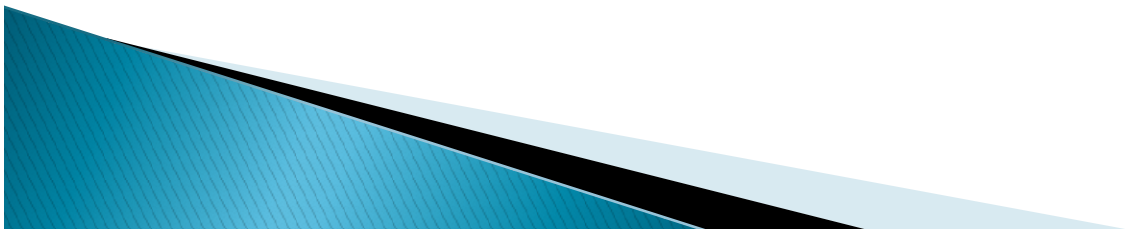
Mendefinisikan query SQL untuk menghapus data di tabel BUKU jika KDBUKU ada.

### ▶ **Dim input As String :**

Menggunakan InputBox untuk meminta ID dari pengguna.

### ▶ **Not String.IsNullOrEmpty(input) :**

Memastikan input tidak kosong



# HAPUS DATA

## ▶ PENJELASAN

- ▶ **Using deleteCmd As New SqlCommand(deleteQuery, conn):**

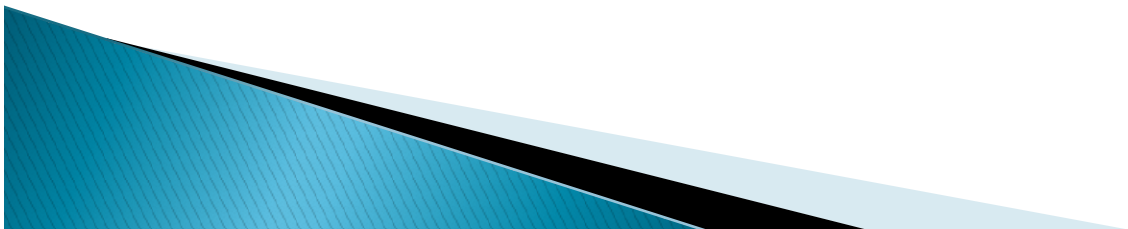
Membuat dan mengeksekusi perintah SQL untuk menghapus data jika pengguna memilih untuk menghapusnya.

- ▶ **Dim rowsAffected As Integer = deleteCmd.ExecuteNonQuery()**

Mengeksekusi query SQL untuk menghapus data berdasarkan ID.

- ▶ **rowsAffected > 0**

Mengecek apakah ada data yang dihapus.



# HAPUS DATA

- ▶ PENJELASAN

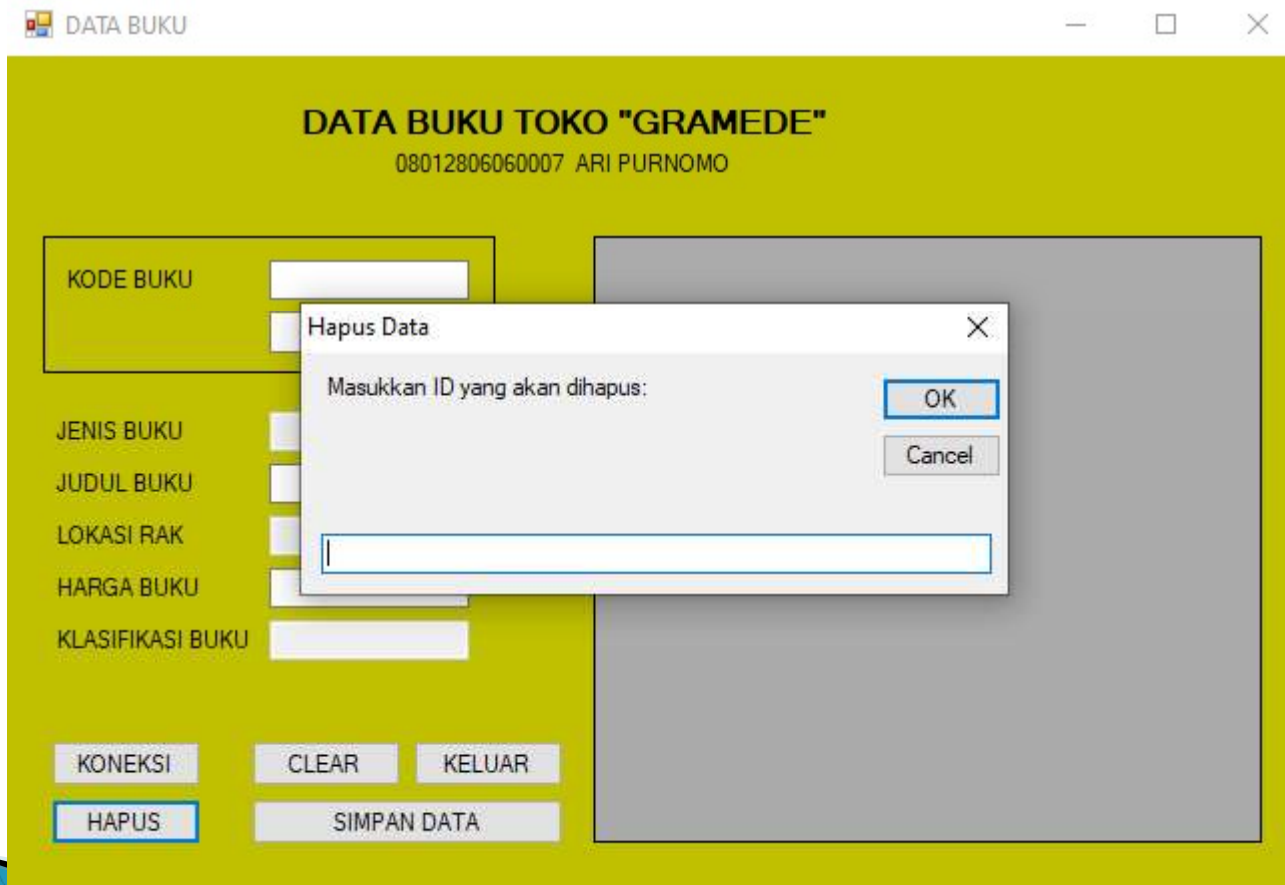
- ▶ **MessageBox.Show:**

- Menampilkan pesan konfirmasi apakah data telah di hapus atau tidak.



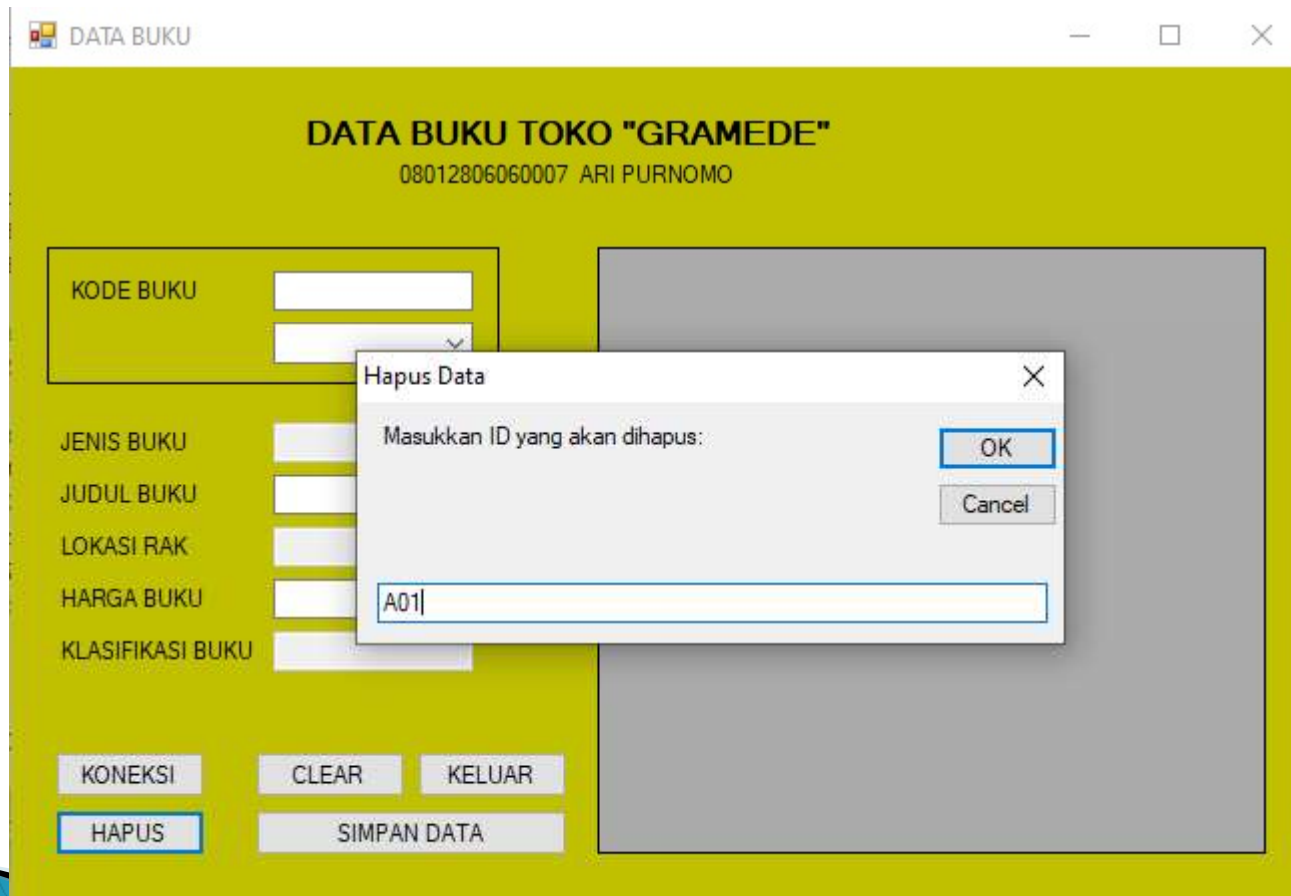
# HAPUS DATA

## ▶ HASIL AKHIR



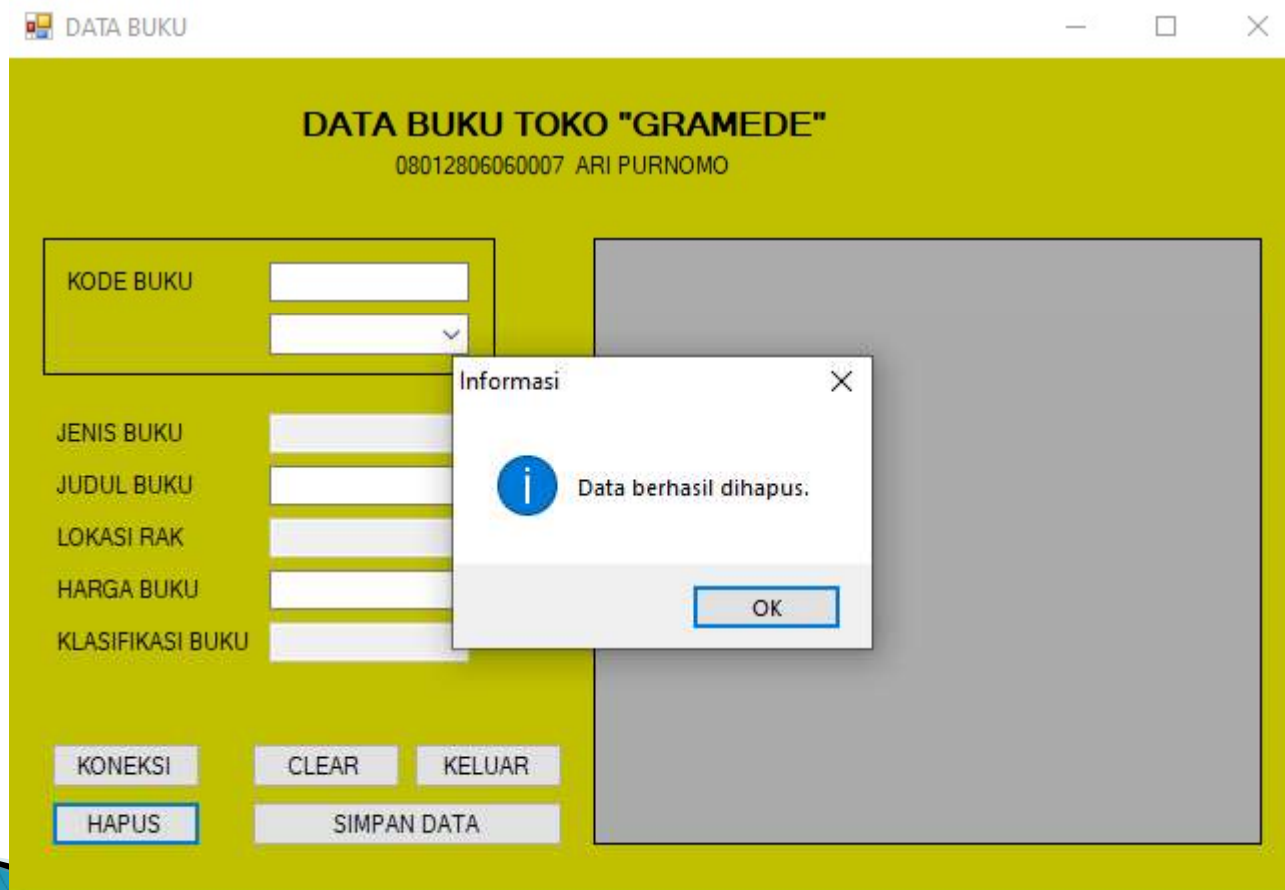
# HAPUS DATA

## ▶ HASIL AKHIR



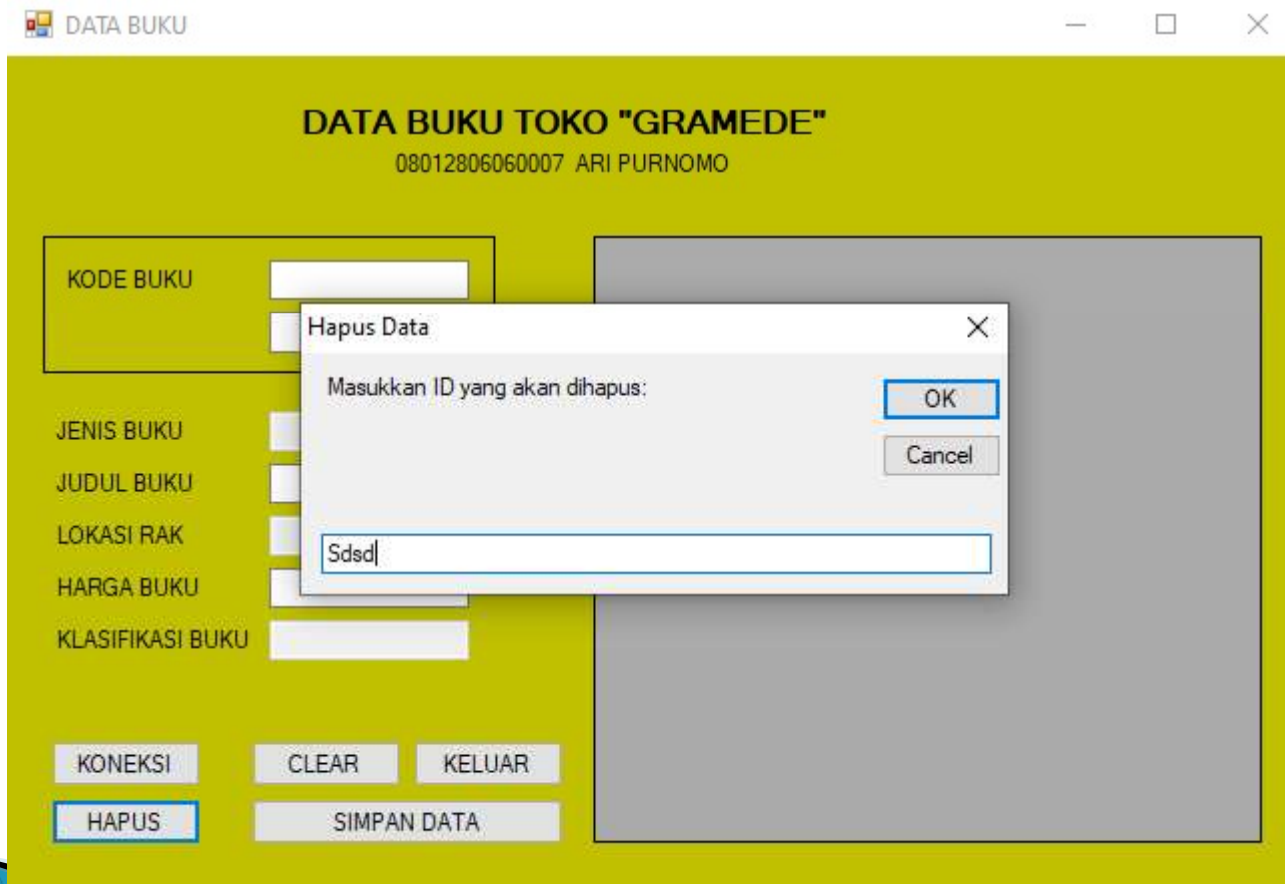
# HAPUS DATA

## ▶ HASIL AKHIR



# HAPUS DATA

- ▶ HASIL AKHIR (KALAU DATA TIDAK ADA)



# HAPUS DATA

- ▶ HASIL AKHIR (KALAU DATA TIDAK ADA)



# HAPUS DATA

- ▶ HASIL AKHIR
  - ▶ DATABASENYA

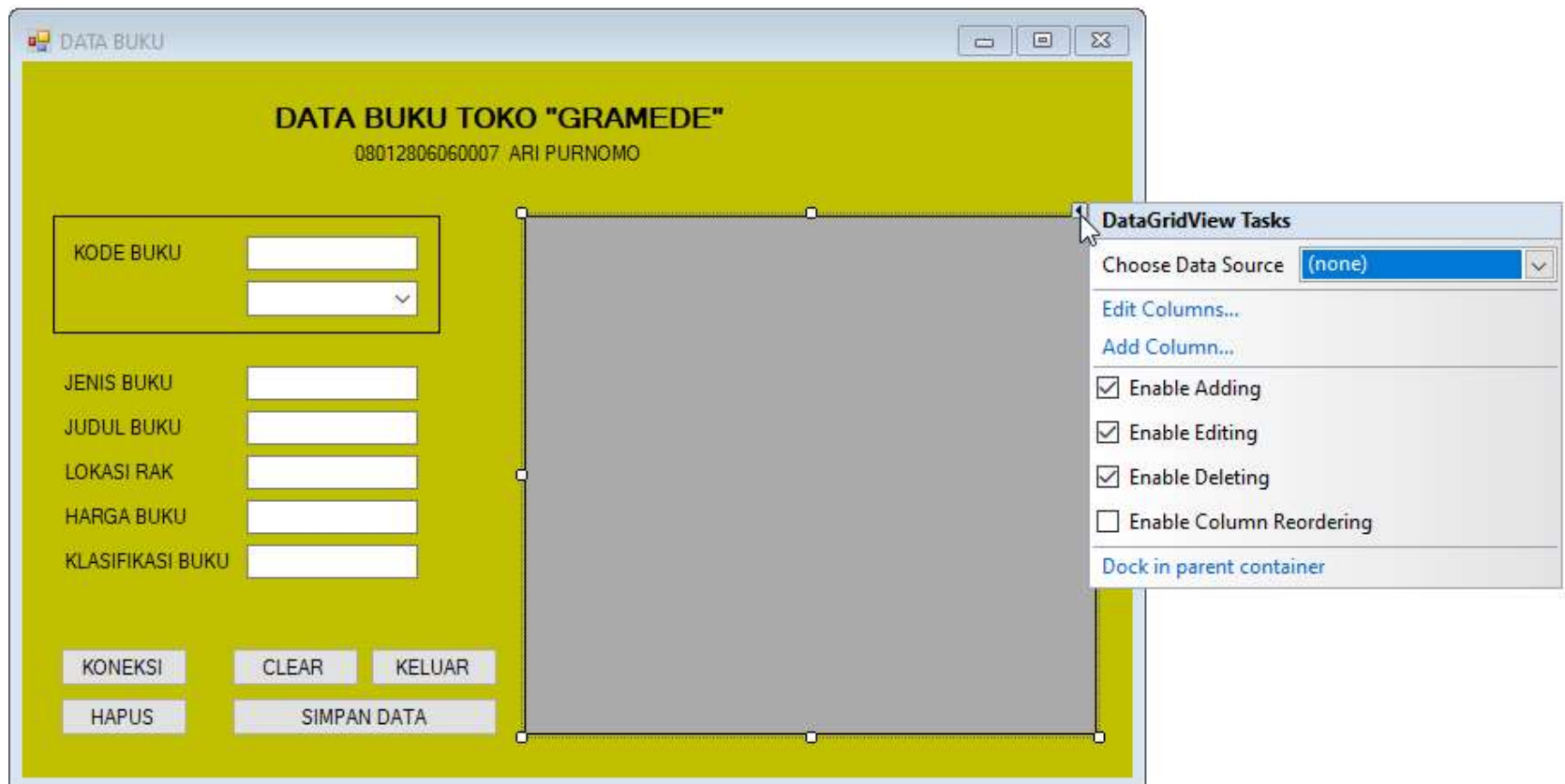
	kdbuku	jenisbuku	judulbuku	lokasirak	hargabuku	klabuku
1	A01	BUKU SEKOLAH	SIAPA KAMU	A1	4444.00	STANDAR DISKON
2	A02	BUKU GAMBAR	BELAJAR GAMBAR	B1	333.00	STANDAR DISKON
3	A03	BUKU BIOGRAFI	KISAH HIDUP	C1	800000.00	BEST SELLER

- ▶ **SETELAH DI HAPUS**

	kdbuku	jenisbuku	judulbuku	lokasirak	hargabuku	klabuku
1	A02	BUKU GAMBAR	BELAJAR GAMBAR	B1	333.00	STANDAR DISKON
2	A03	BUKU BIOGRAFI	KISAH HIDUP	C1	70000.00	PREMIUM

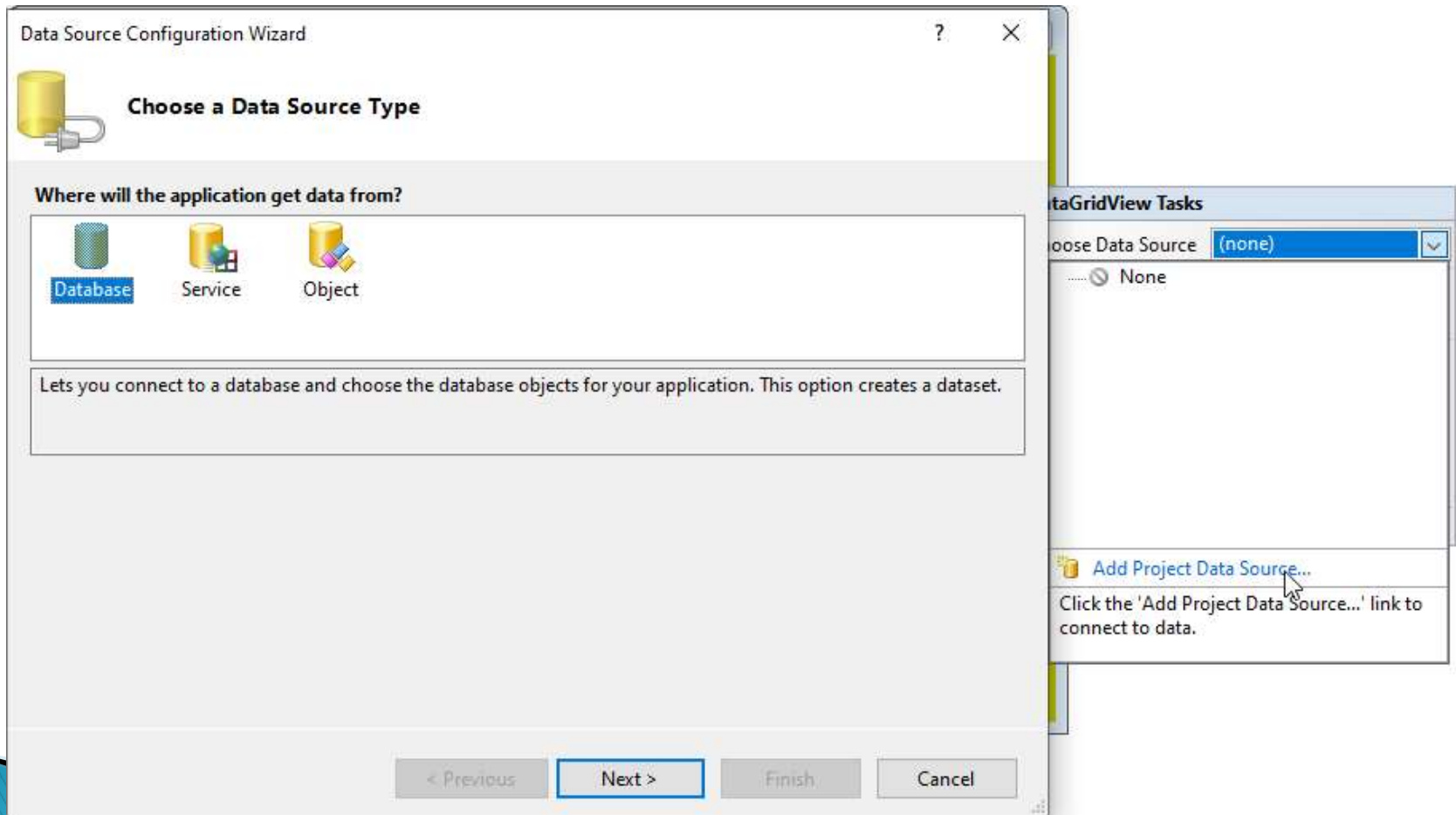
# TABEL DATA

## ▶ MUNCULKAN TABEL



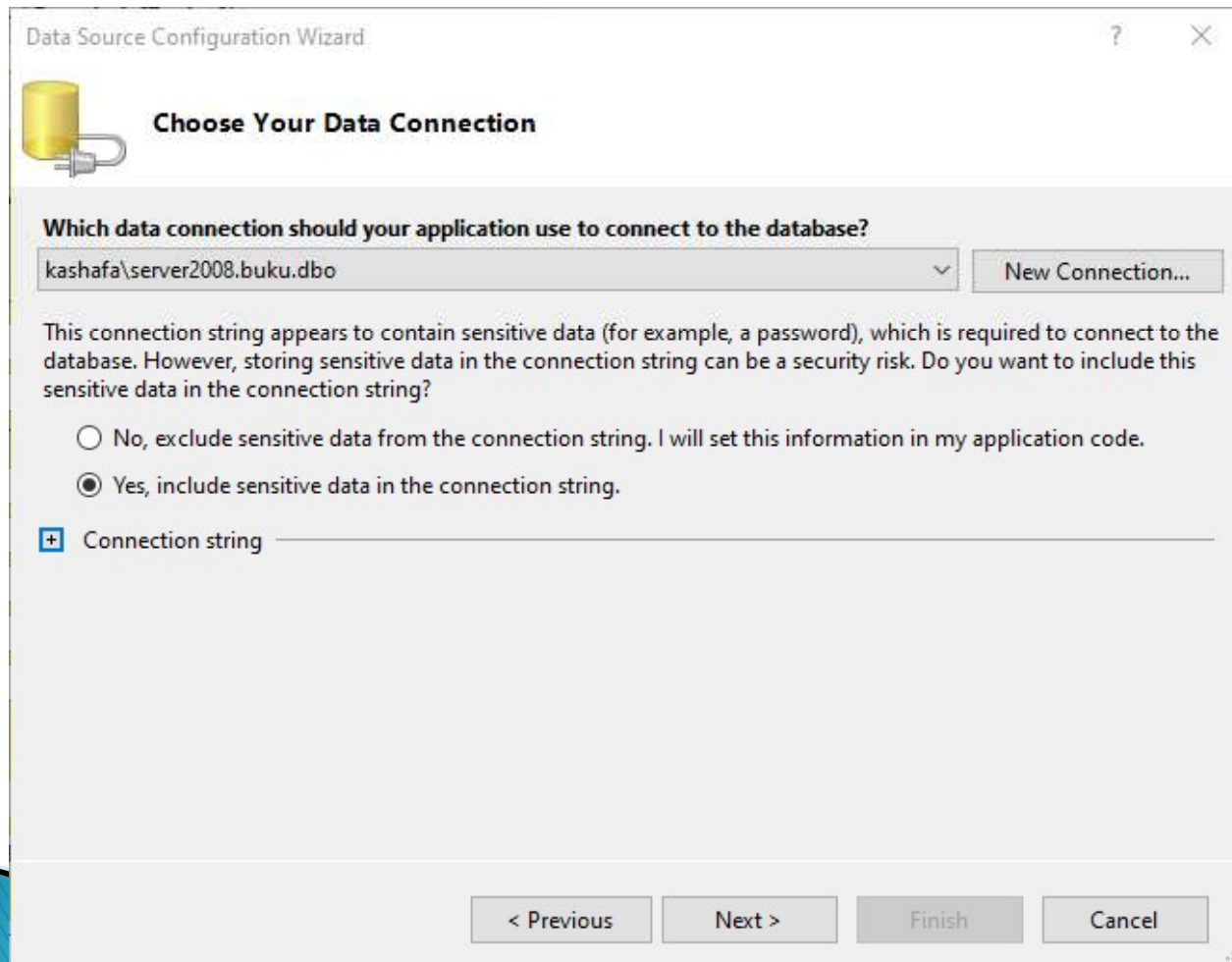
# TABEL DATA

## ▶ MUNCULKAN TABEL



# TABEL DATA

## ▶ MUNCULKAN TABEL



The screenshot shows the 'Data Source Configuration Wizard' dialog box. The title bar reads 'Data Source Configuration Wizard' with a help icon and a close button. Below the title bar is a yellow cylinder icon with a plug, followed by the heading 'Choose Your Data Connection'. The main content area asks, 'Which data connection should your application use to connect to the database?'. A dropdown menu shows 'kashafa\server2008.buku.dbo' and a 'New Connection...' button is to its right. Below this, a warning message states: 'This connection string appears to contain sensitive data (for example, a password), which is required to connect to the database. However, storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?'. There are two radio buttons: 'No, exclude sensitive data from the connection string. I will set this information in my application code.' (which is unselected) and 'Yes, include sensitive data in the connection string.' (which is selected). At the bottom left, there is a '+' icon and the text 'Connection string' followed by a horizontal line. The bottom of the dialog features four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'. The 'Finish' button is disabled.

# TABEL DATA

## ▶ MUNCULKAN TABEL

Add Connection

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:  
Microsoft SQL Server (SqlClient) Change...

Server name:  
KASHAFA\SERVER2008 Refresh

Log on to the server

Use Windows Authentication

Use SQL Server Authentication

User name: sa

Password: ●●●●●●

Save my password

Connect to a database

Select or enter a database name:  
buku


Attach a database file:  
Browse...

Logical name:

Advanced...

Test Connection OK Cancel

Data Source Configuration Wizard

 **Save the Connection String to the Application Configuration File**

Storing connection strings in your application configuration file eases maintenance and deployment. To save the connection string in the application configuration file, enter a name in the box and then click Next.

**Do you want to save the connection string to the application configuration file?**

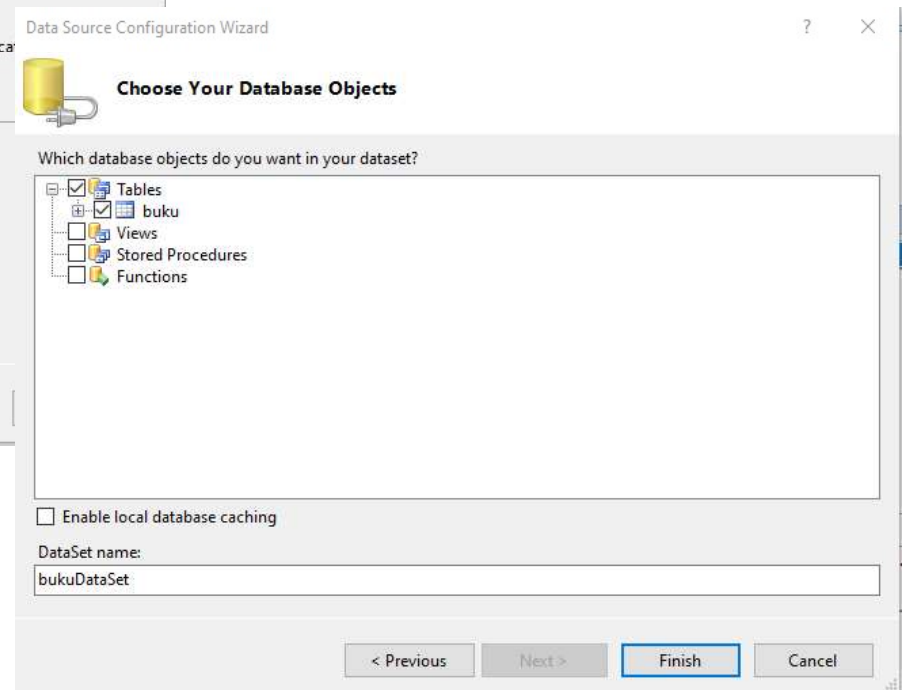
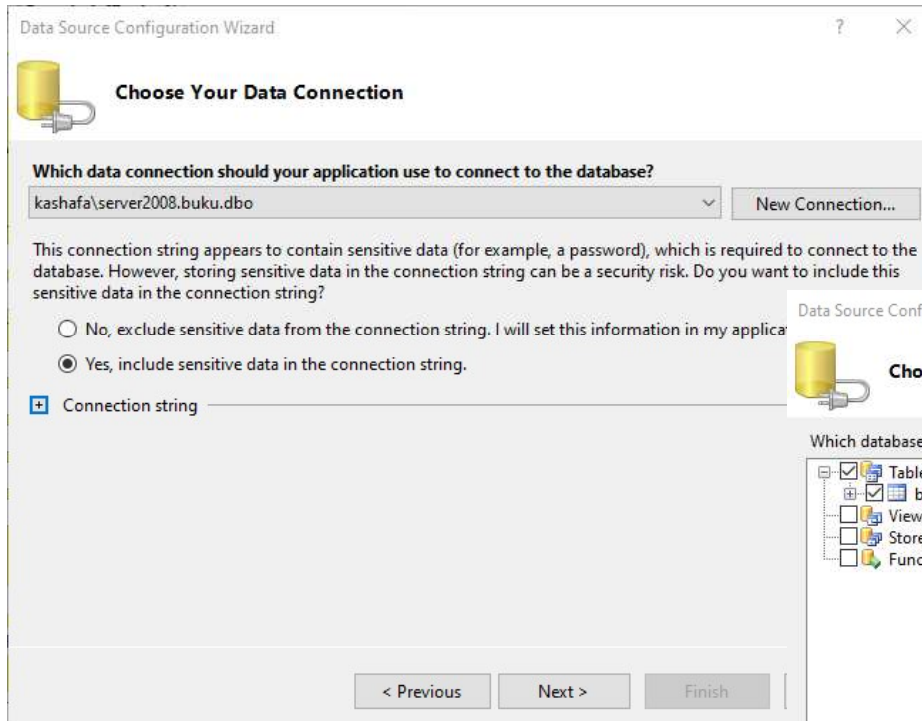
Yes, save the connection as:

bukuConnectionString

< Previous Next > Finish Cancel

# TABEL DATA

## ▶ MUNCULKAN TABEL



# TABEL DATA

## ▶ MUNCULKAN TABEL

DATA BUKU TOKO "GRAMEDE"  
08012806060007 ARI PURNOMO

KODE BUKU

JENIS BUKU

JUDUL BUKU

LOKASI RAK

HARGA BUKU

KLASIFIKASI BUKU

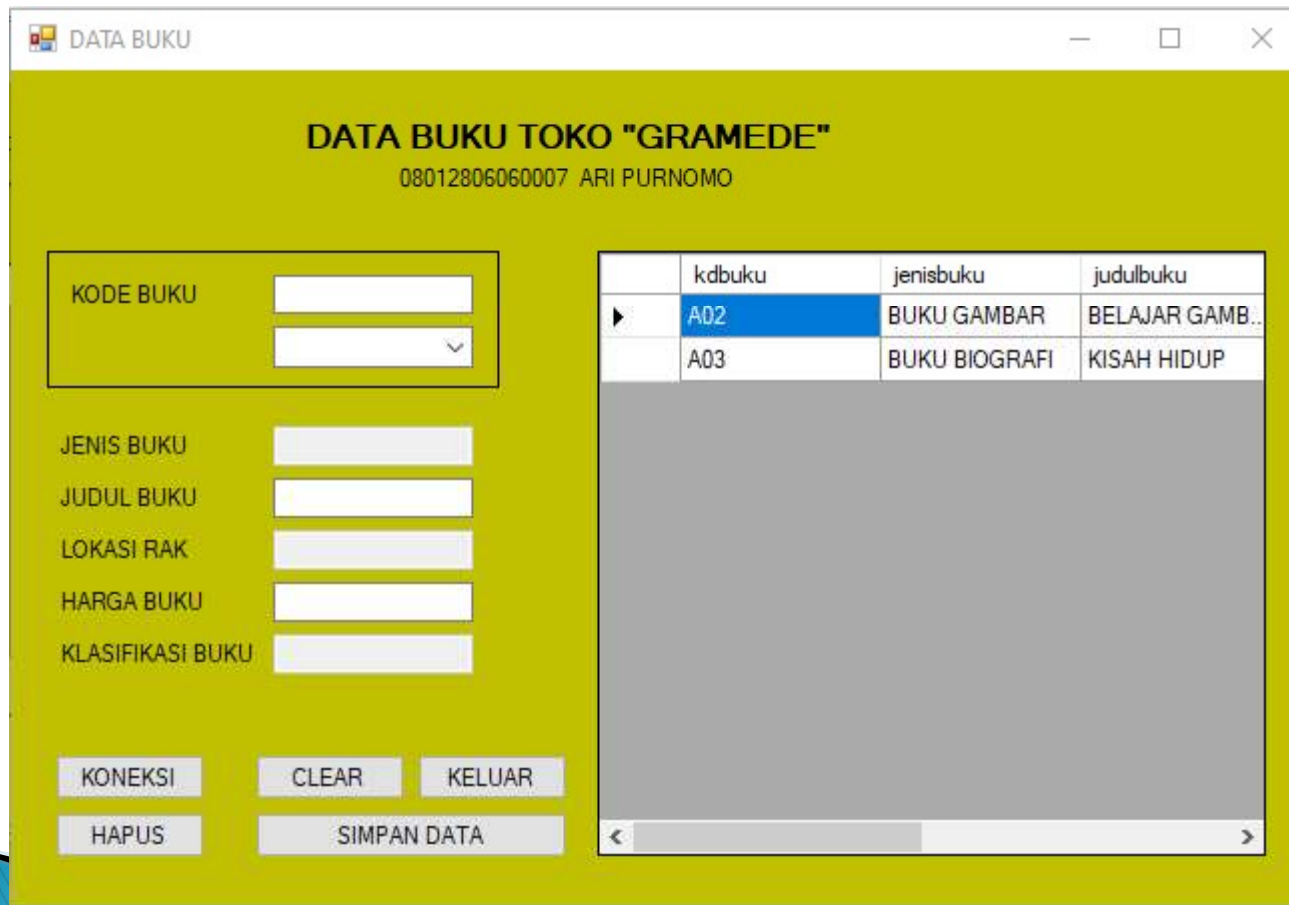
KONEKSI CLEAR KELUAR

HAPUS SIMPAN DATA

kdbuku	jenisbuku	judulbuku
--------	-----------	-----------

# TABEL DATA

## ▶ MUNCULKAN TABEL



The screenshot shows a software application window with a yellow background. The title bar reads "DATA BUKU". The main heading is "DATA BUKU TOKO 'GRAMEDE'" with the contact information "08012806060007 ARI PURNOMO" below it. On the left side, there are several input fields: "KODE BUKU" (with a dropdown arrow), "JENIS BUKU", "JUDUL BUKU", "LOKASI RAK", "HARGA BUKU", and "KLASIFIKASI BUKU". At the bottom left, there are buttons for "KONEKSI", "HAPUS", "CLEAR", and "SIMPAN DATA". At the bottom right, there is a "KELUAR" button. On the right side, there is a table with three columns: "kdbuku", "jenisbuku", and "judulbuku". The table contains two rows of data, with the first row highlighted in blue.

	kdbuku	jenisbuku	judulbuku
▶	A02	BUKU GAMBAR	BELAJAR GAMB..
	A03	BUKU BIOGRAFI	KISAH HIDUP

# PENUTUP

- ▶ KERJAKAN MASING–MASING BERDASARKAN FORM ATAU PROGRAM YANG DIBUAT MINGGU LALU
- ▶ TERIMAKASIH

