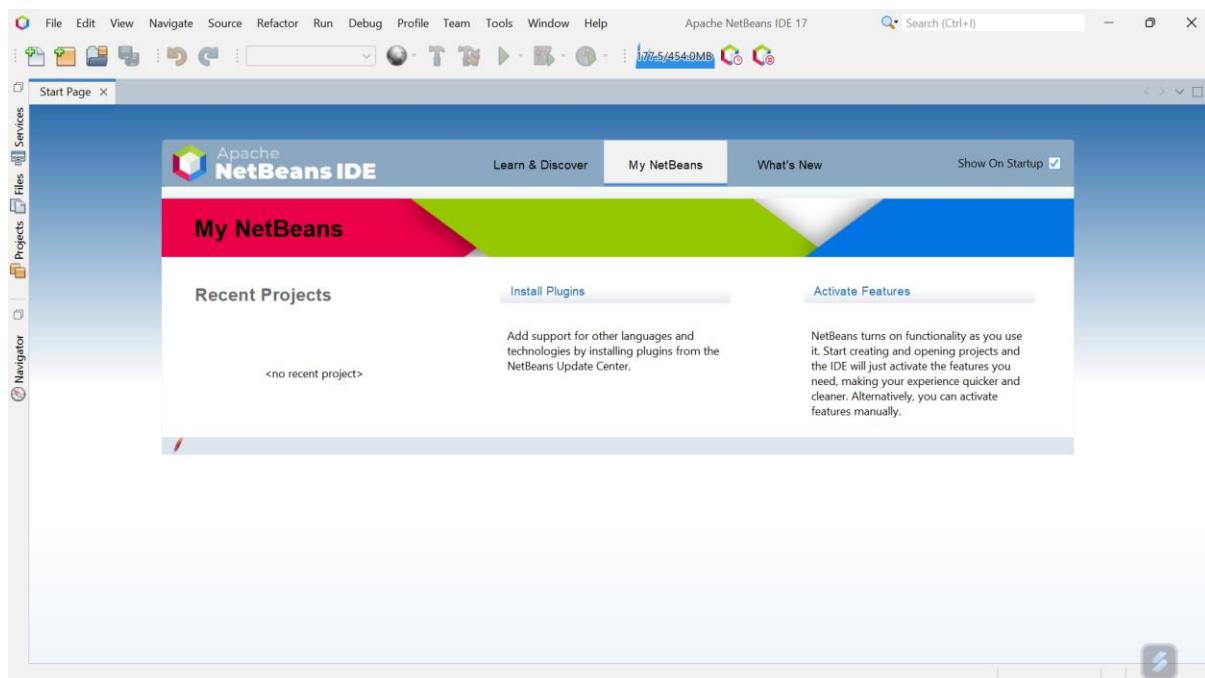


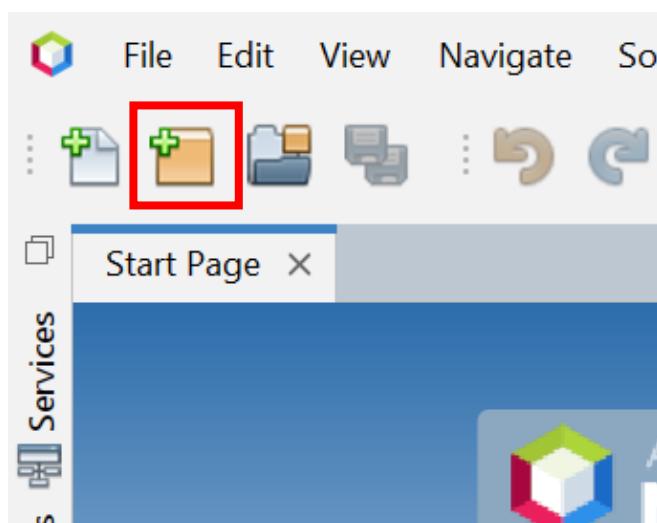
PROGRAM APLIKASI PENJUALAN RUMAH

Kelompok :

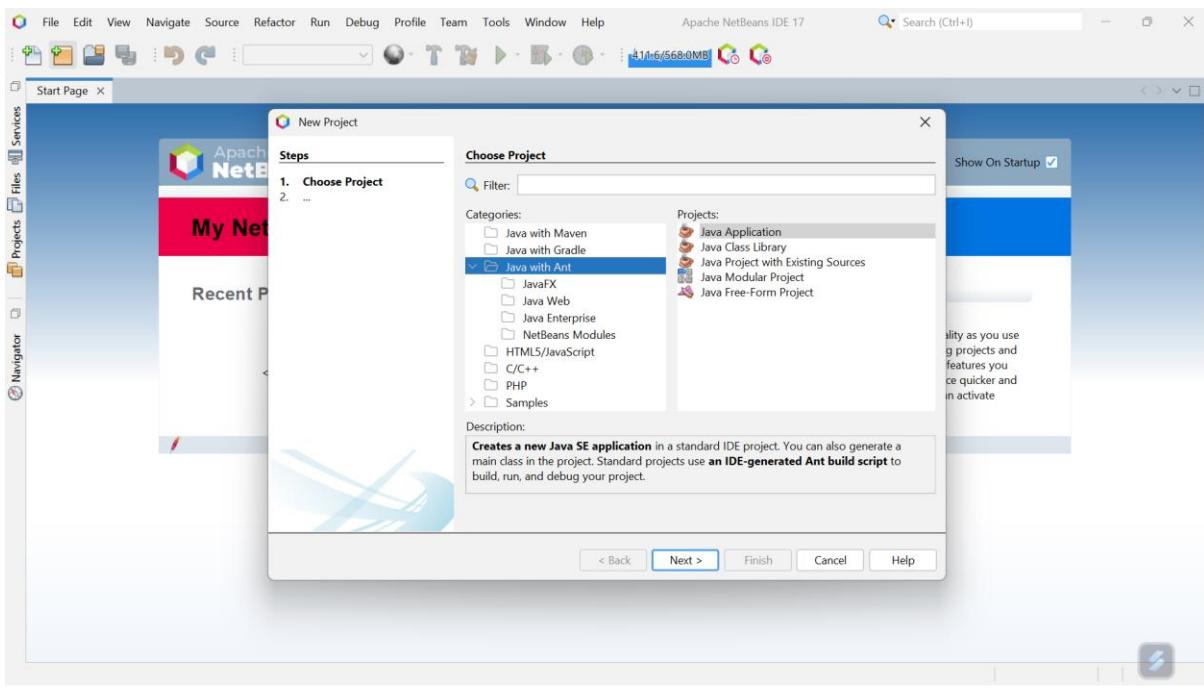
| | |
|-----------------------|----------|
| FIKRIAN NUR ABDULLAH | 15220611 |
| MUHAMMAD AMIN FADILAH | 15220096 |
| AHMAD RIZAL FIRDAUS | 15220227 |
| JULI MARTINUS ZEGA | 15220614 |
| ARI SETIA SAPUTRA | 15220569 |



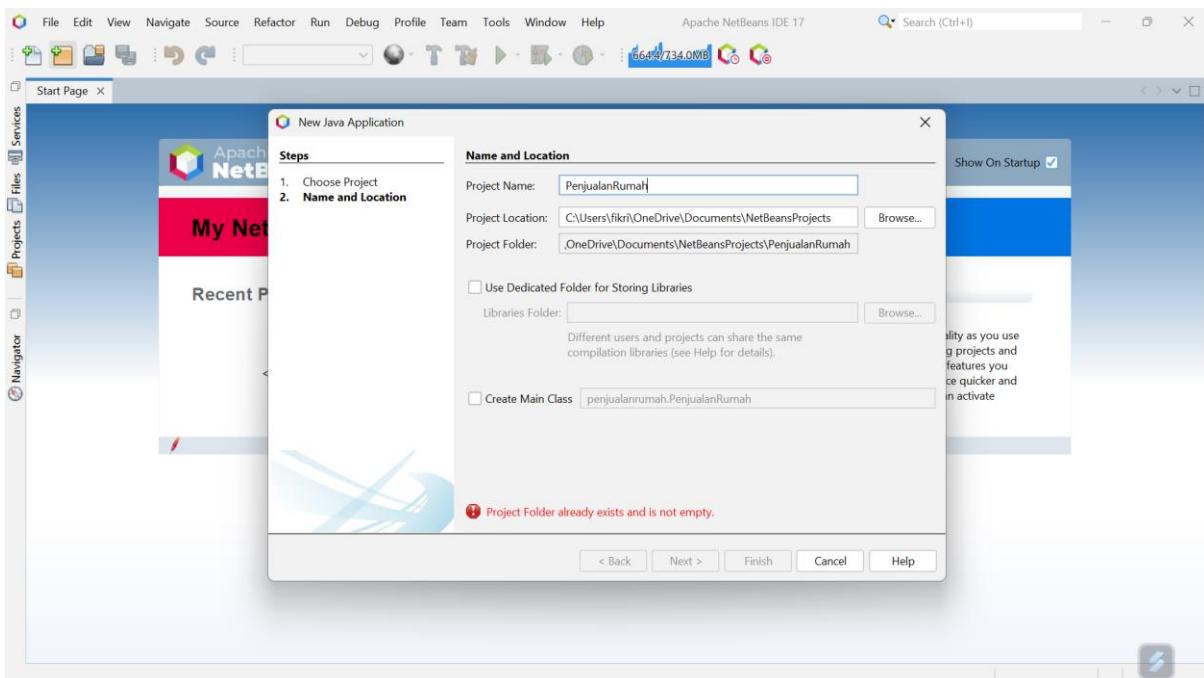
Jalankan Netbeans IDE lalu buat projek



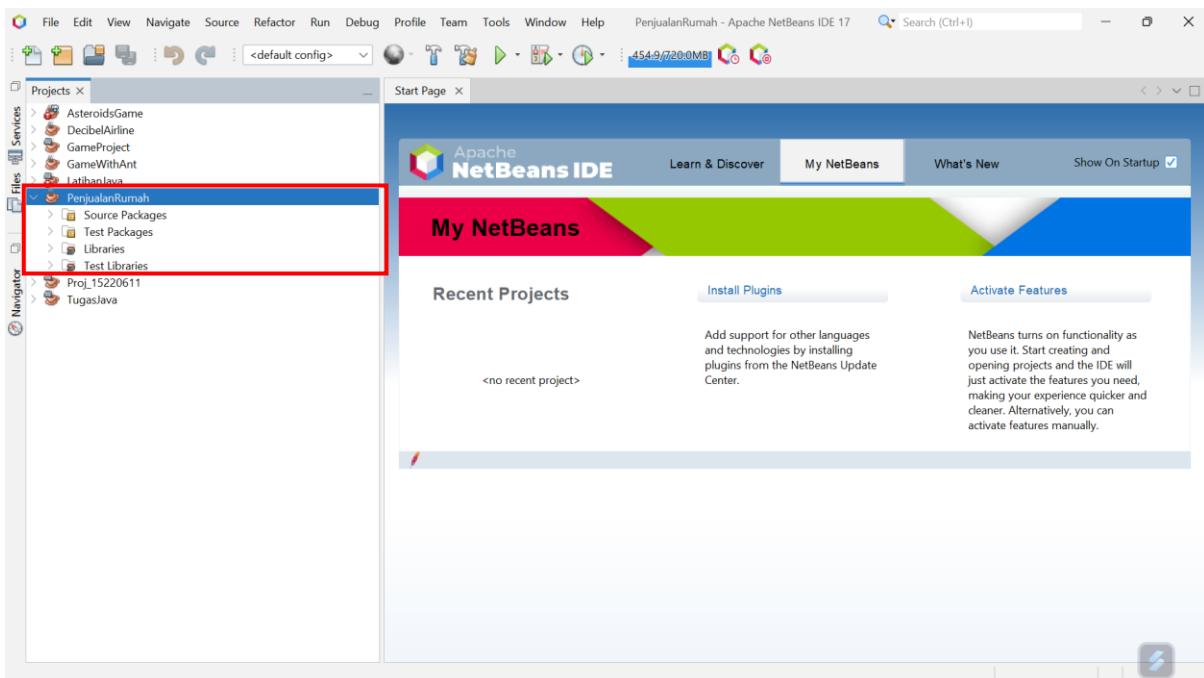
Klik icon di pojok kiri atas , atau bisa juga dengan CTRL + Shift + N



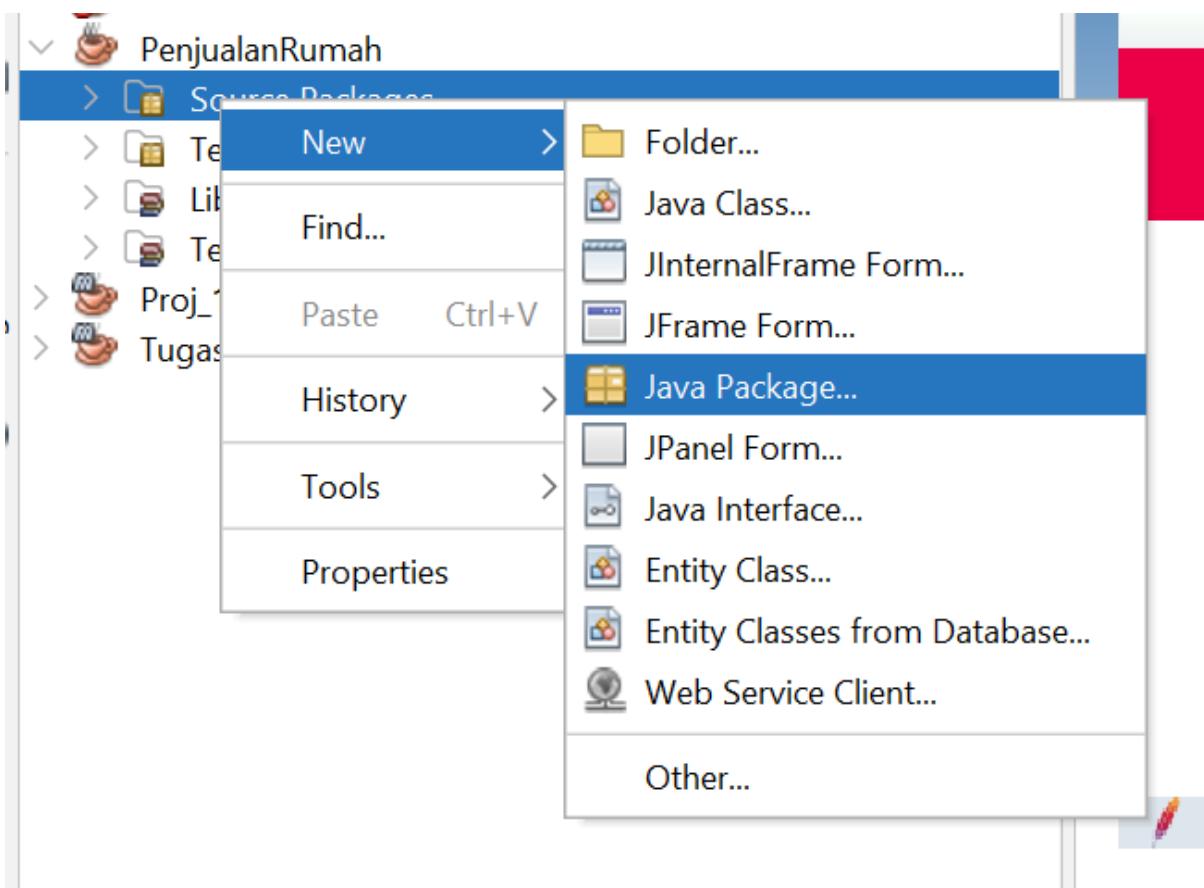
Kemudian akan tampil seperti ini, pilih Java with Ant dan Java Application. Lalu klik Next



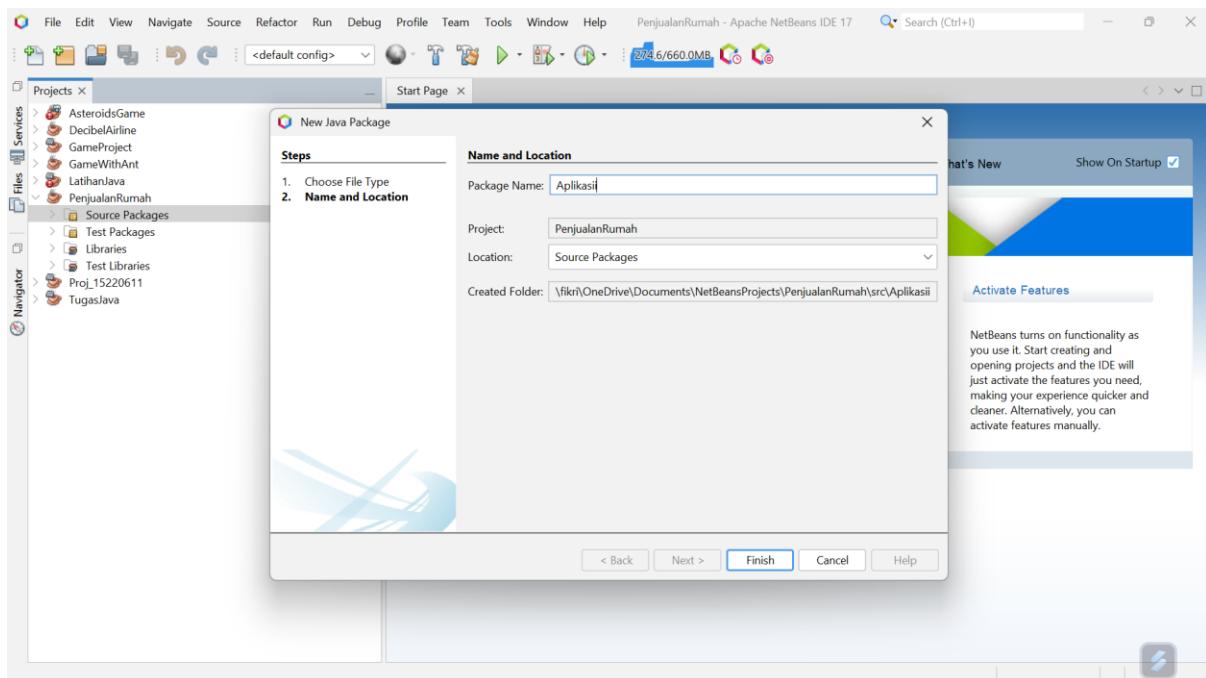
Buat nama project, hapus centang di create main class, lalu finish
Jika ada warning seperti diatas, artinya sudah ada nama project yang sama, ganti dengan nama project yg lain



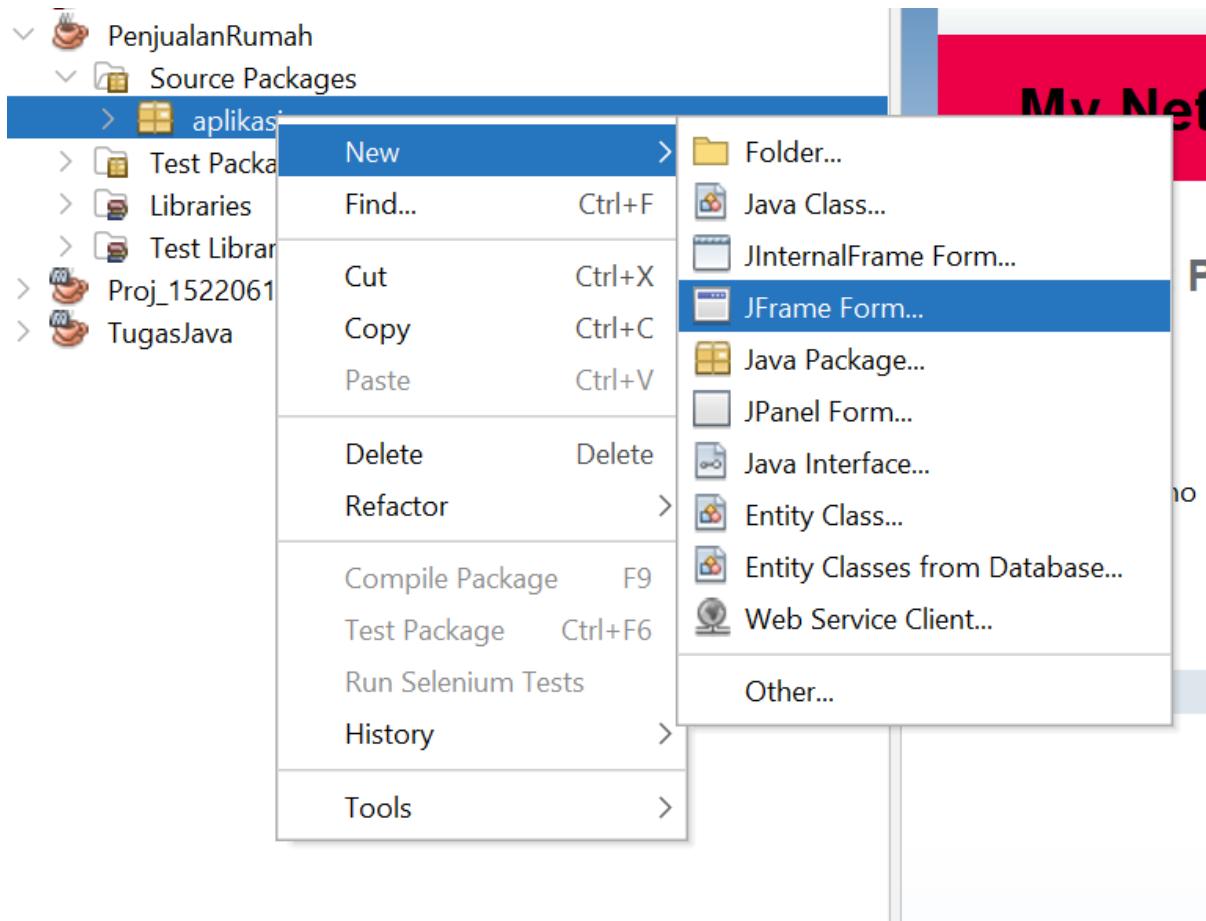
Project sudah terbuat, Langkah berikutnya adalah membuat Package



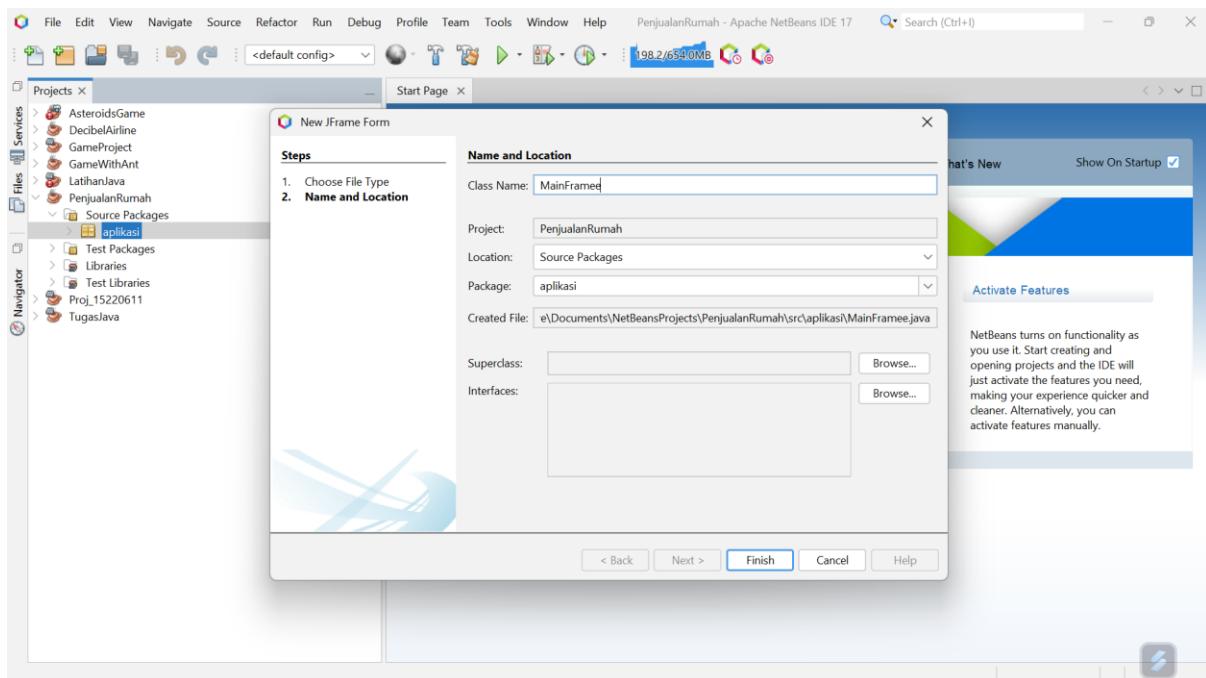
Klik kanan di Source Package, klik New lalu pilih Java Package



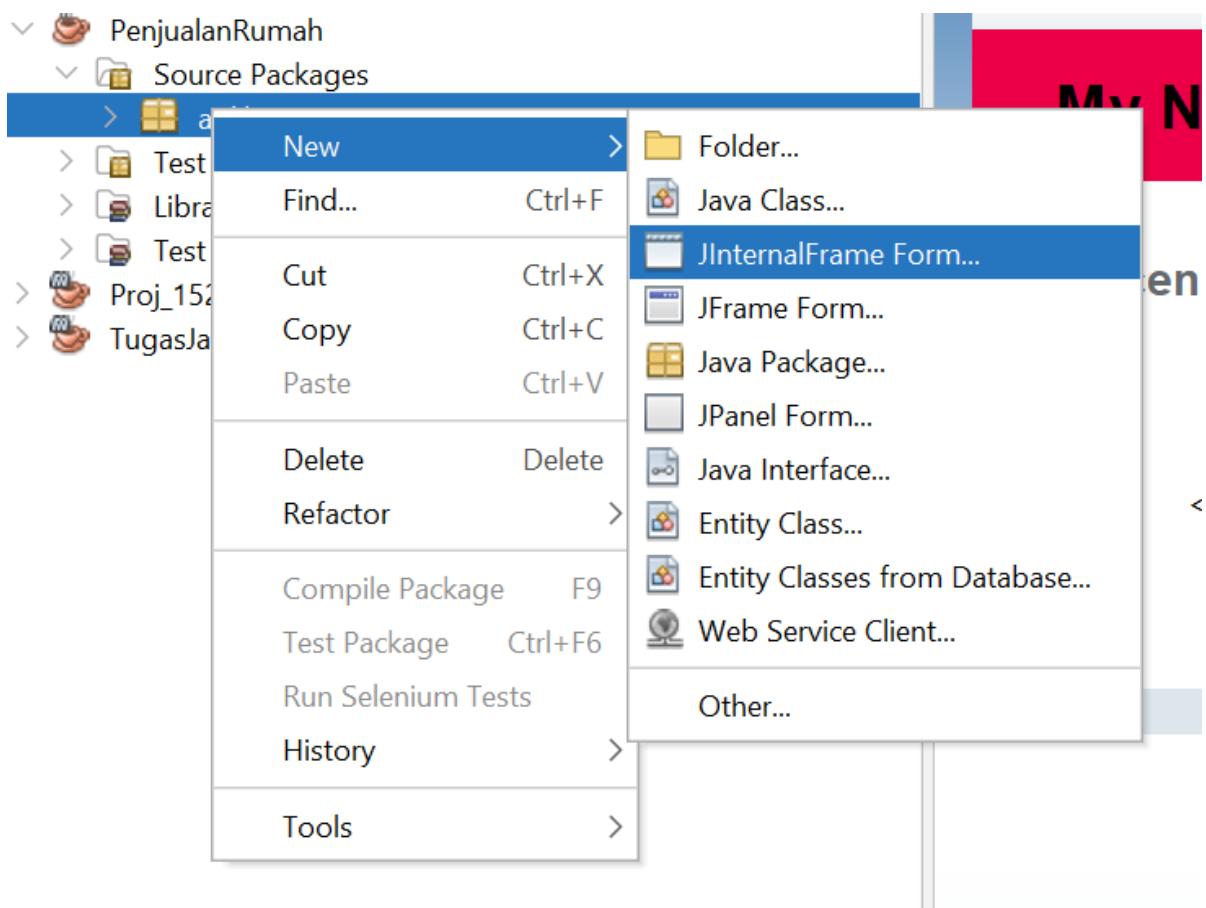
Masukkan nama package lalu finish



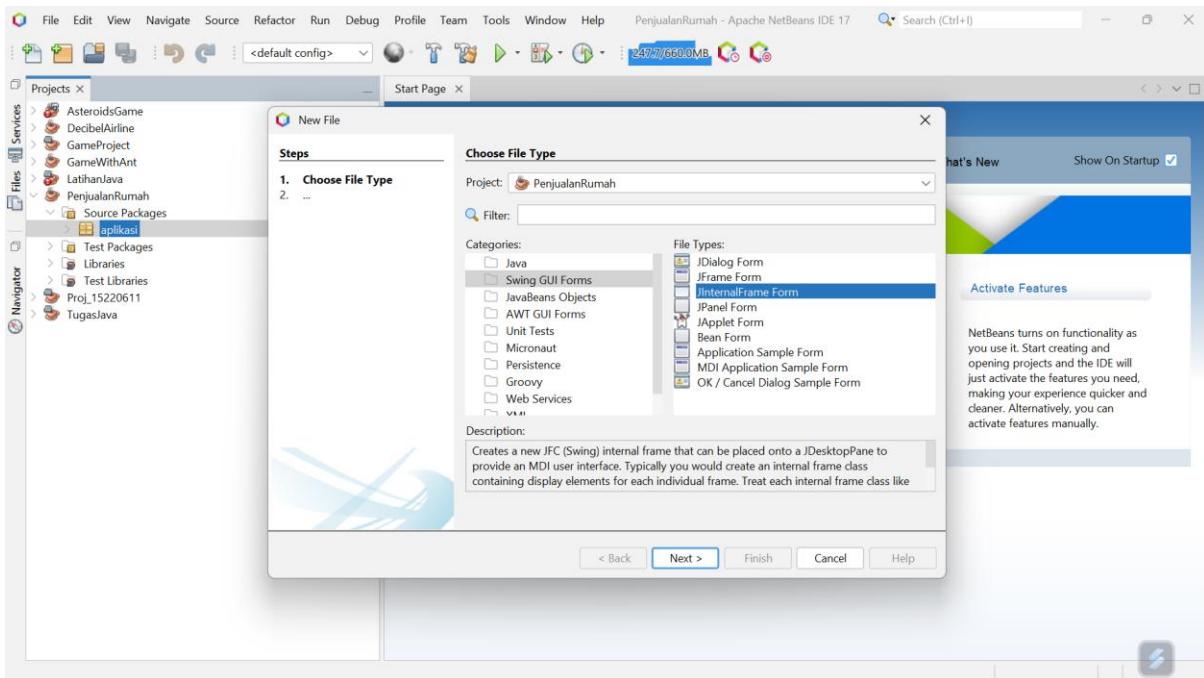
Klik kanan di Packages aplikasi, klik New lalu pilih JFrame Form



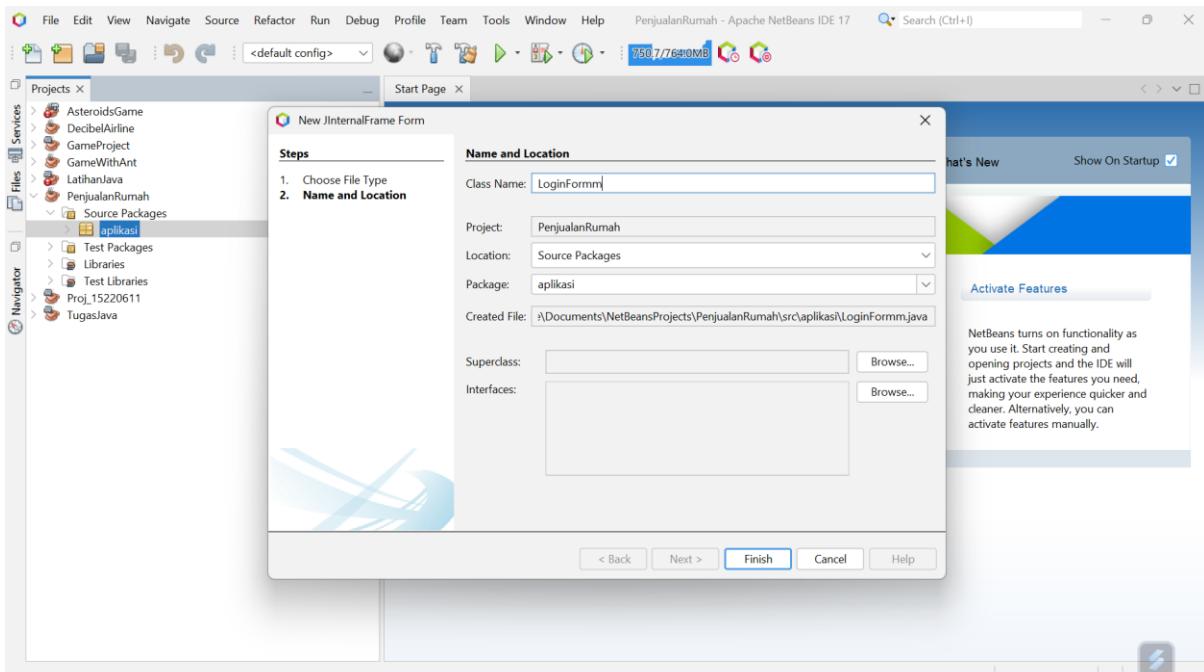
Beri nama MainFrame lalu finish



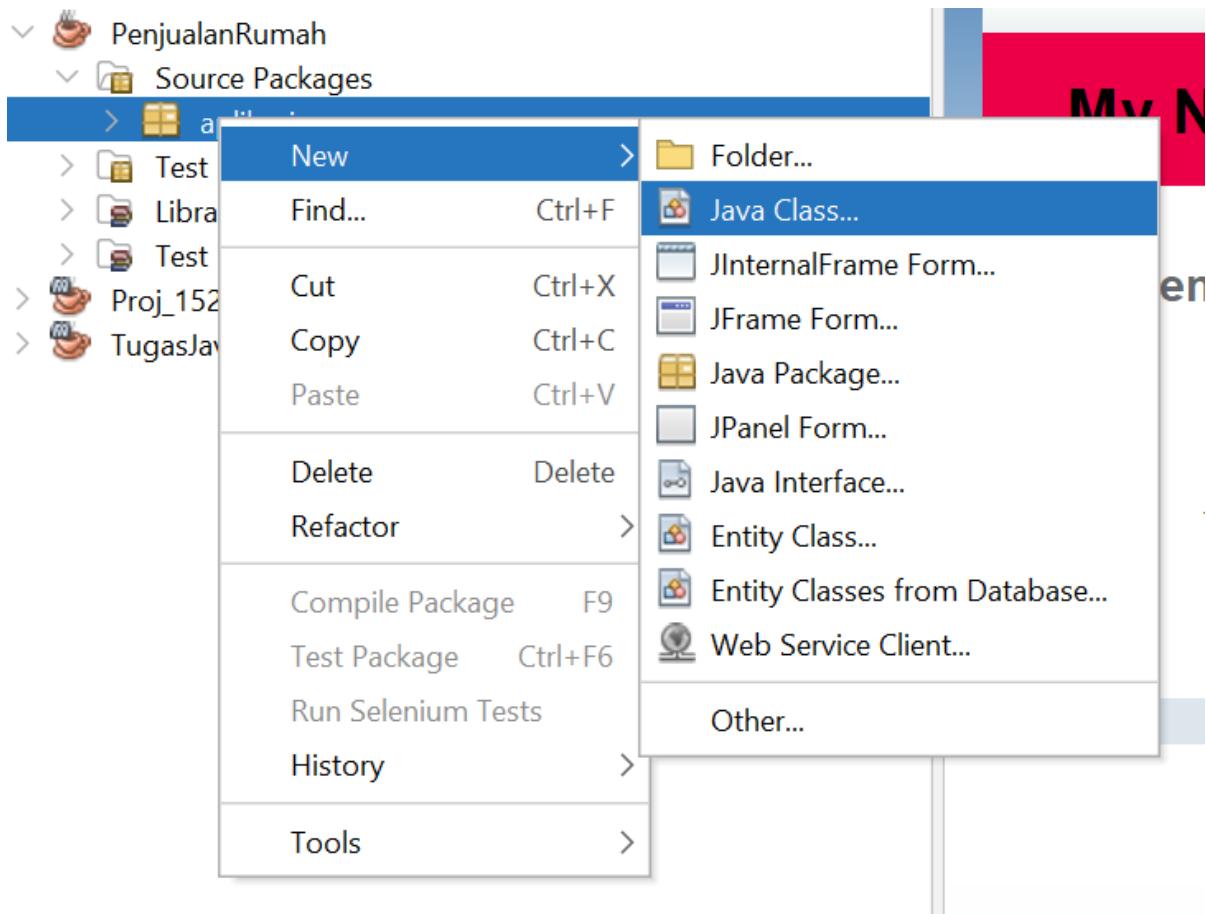
Kemudian buat internal frame, jika tidak ada, klik other



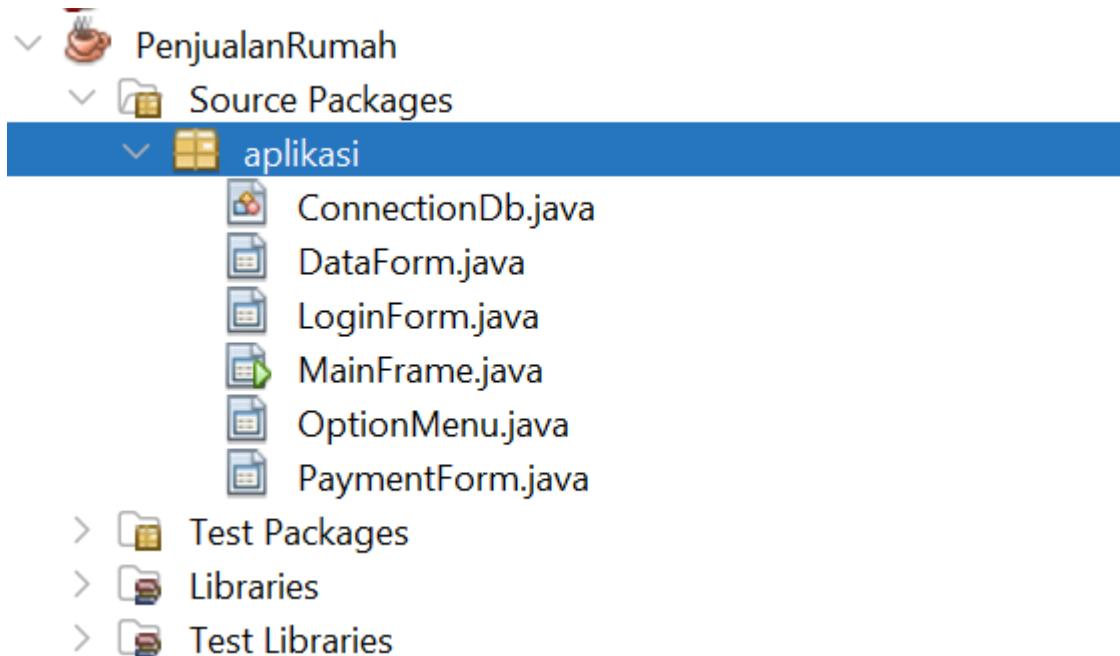
Setelah klik other, pilih swing GUI Frame dan JInternalFrame Form lalu next



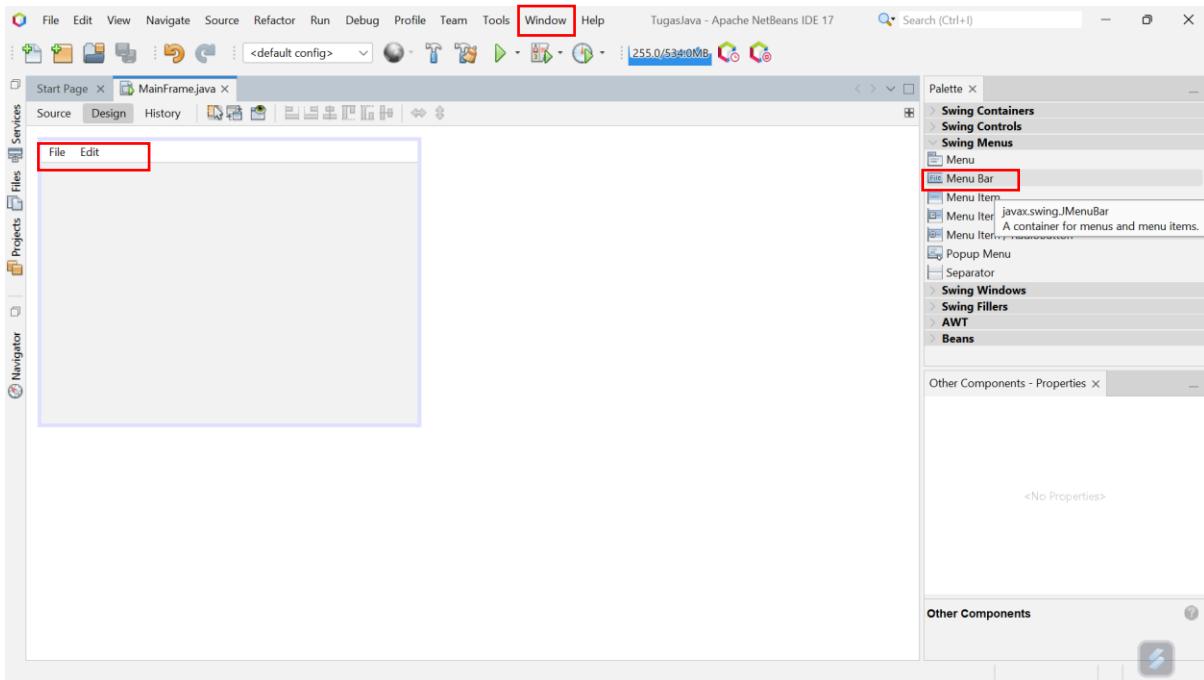
Jika sudah ada, ikuti Langkah sebelumnya, dan buat 4 JInternalFrame Form dengan nama LoginForm , OptionMenu , Payment Form , dan DataForm



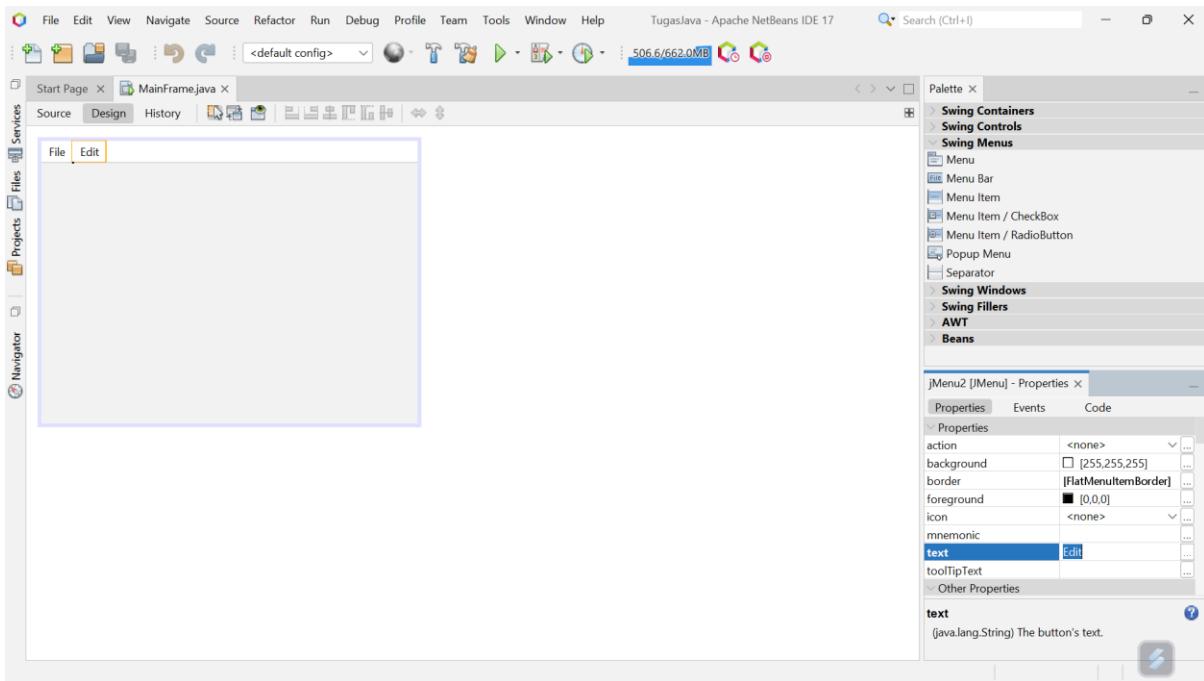
Buat juga Java Class bernama ConnectionDb

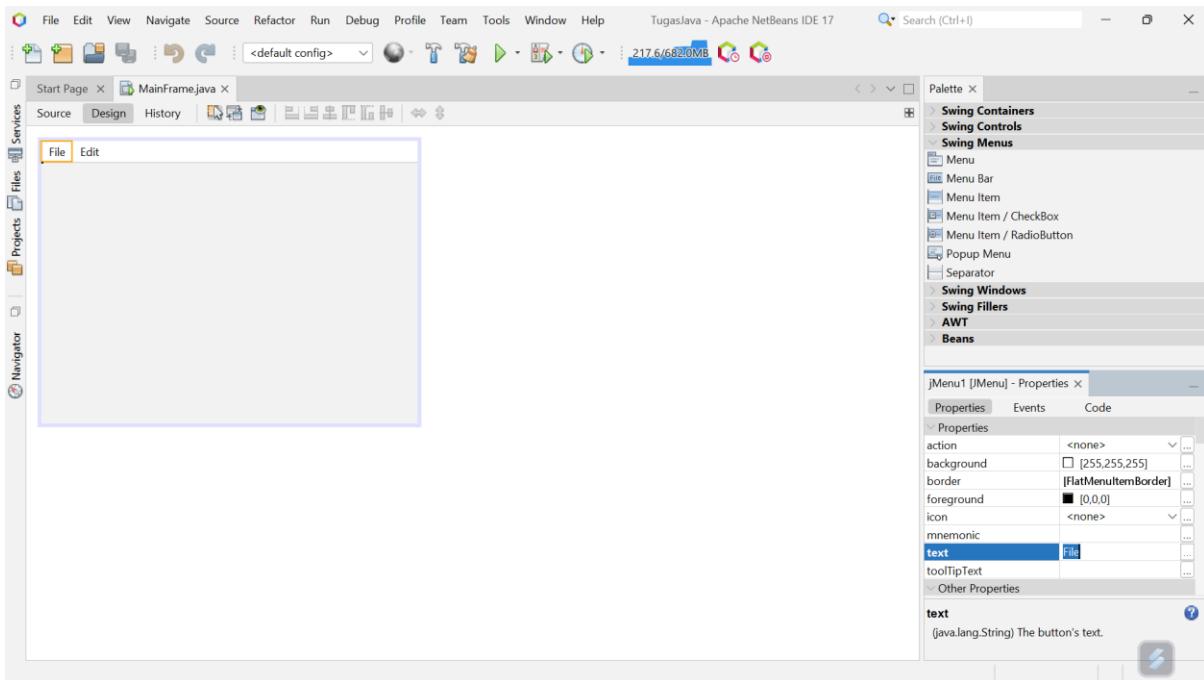


Jika sudah, akan ada 6 file isi dari package aplikasi
1 JFrame Form , 4 JInternalFrame Form dan 1 Java Class

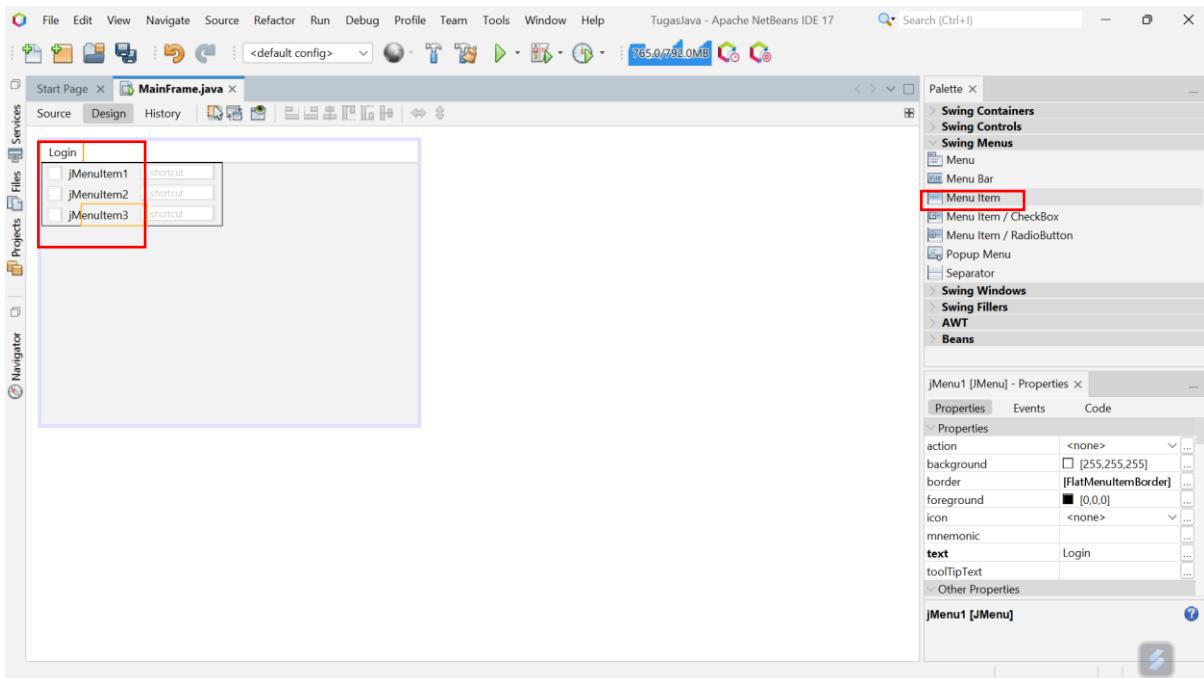


Klik MainFrame lalu cari Menu Bar di Swing Menus di Palette, tekan dan pindahkan ke frame atau kotak yang ada di tengah
Jika Palette tidak muncul, klik window > IDE Tools > Palette

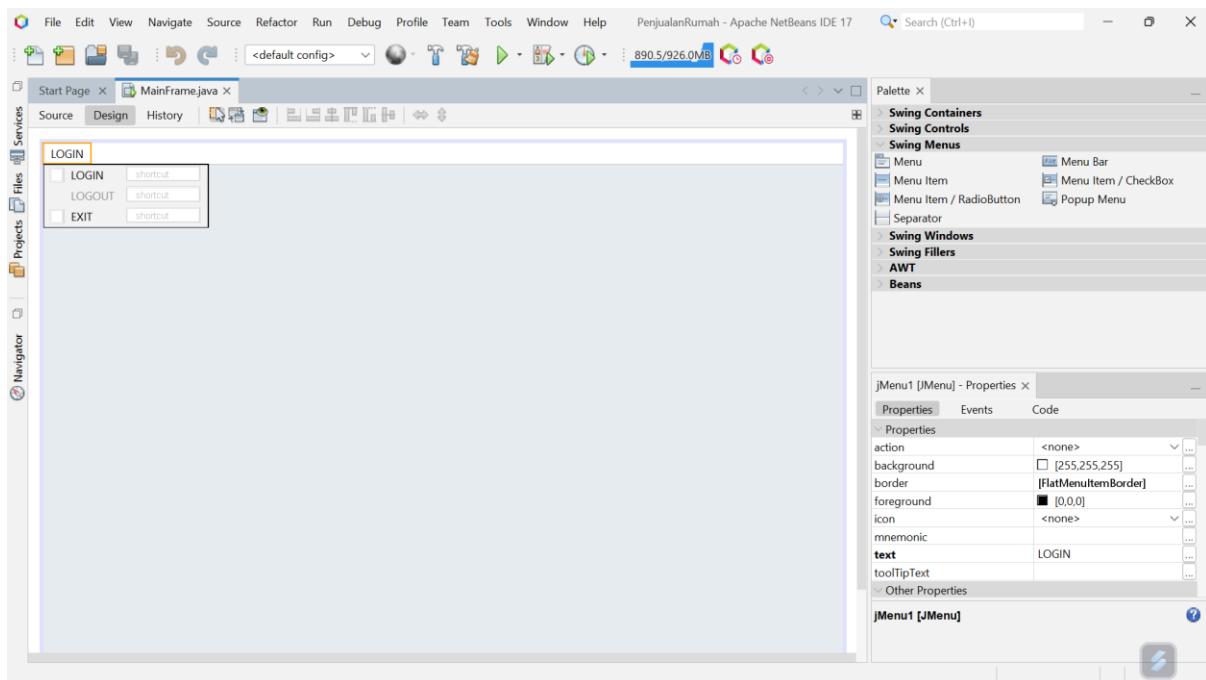




Klik Edit lalu hapus, kemudian klik File lalu ganti nama menjadi Login



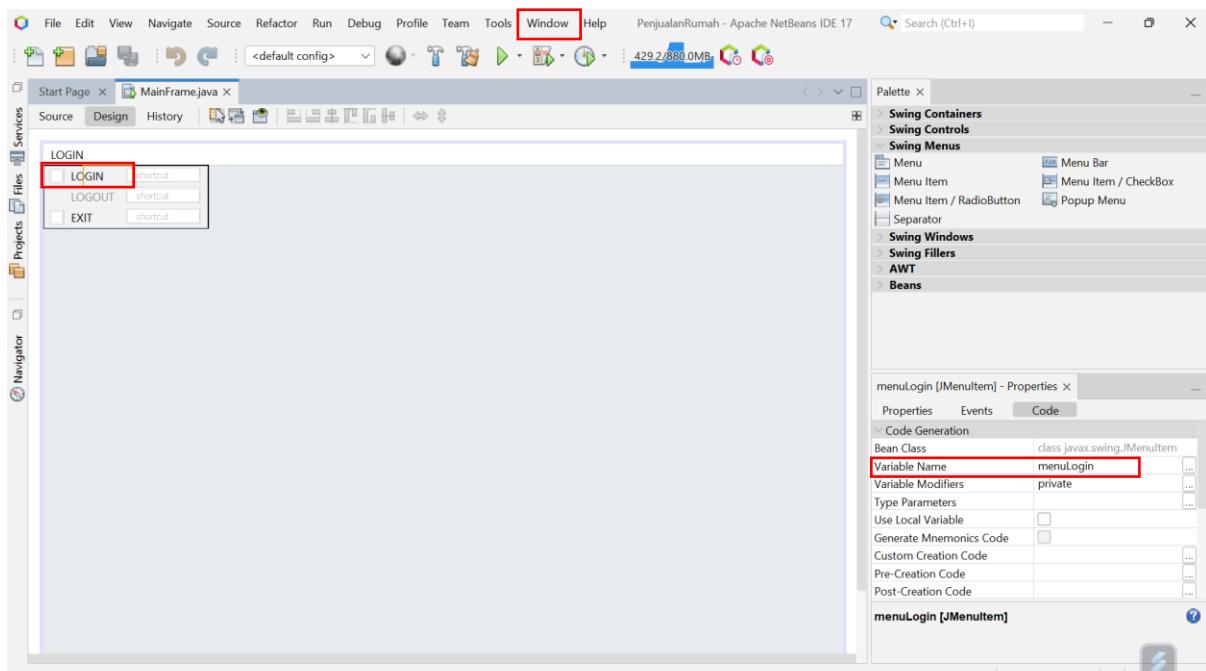
Masukkan Menu Item ke Login, ulangi sebanyak 3 kali, lalu ganti nama menjadi Login, Logout dan Exit



Tampilan akan seperti ini untuk MainFrame, CTRL + S untuk save

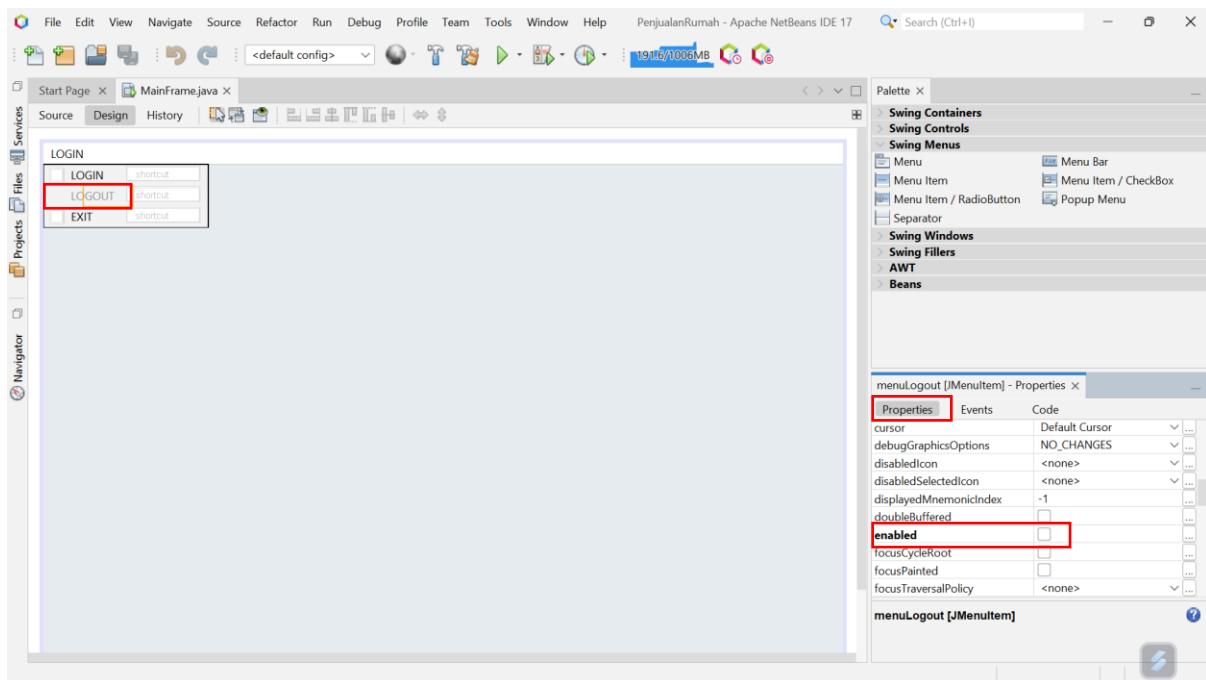
| Object | Edit Text | Variable Name |
|------------|-----------|---------------|
| jMenu1 | LOGIN | - |
| jMenuItem1 | LOGIN | menuLogin |
| jMenuItem2 | LOGOUT | menuLogout |
| jMenuItem3 | EXIT | menuExit |

Ikuti table diatas

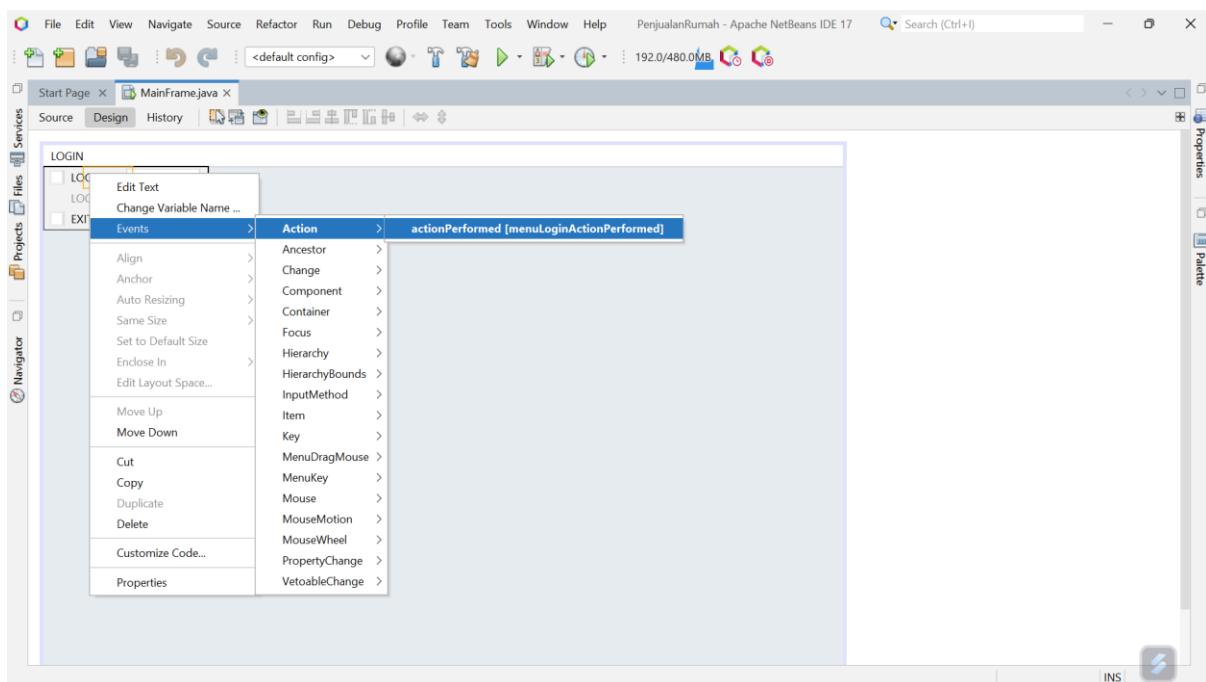


Klik Login lalu klik code dan ganti nama variable nya menjadi **menuLogin** di properties. Jika properties tidak muncul, klik kanan login lalu pilih properties atau klik Window > IDE Tools > Properties

Lakukan hal serupa ke logout dan exit, mengikuti table diatas



Di Logout, klik properties scroll kebawah dan hapus ceklis di enabled



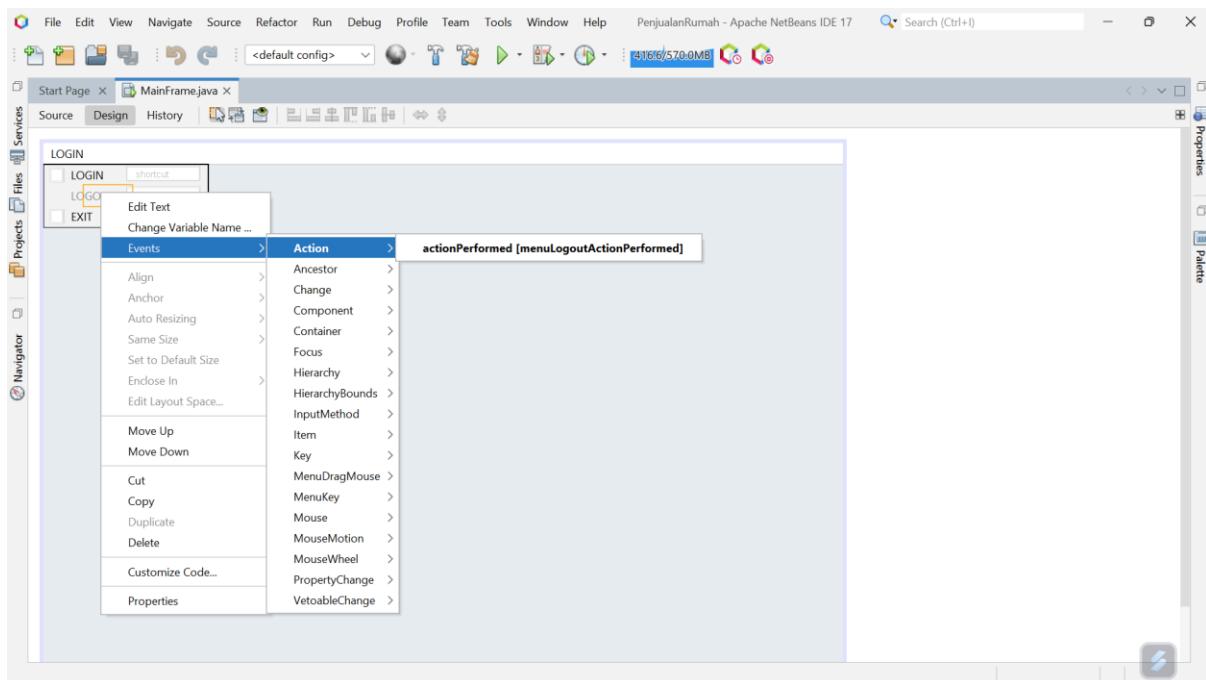
Klik kanan login, pilih Events > Action > actionPerformed

```

private void menuLoginActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    desktopPane.removeAll();
    LoginForm loginForm = new LoginForm();
    loginForm.setVisible(aFlag: true);
    desktopPane.add(comp: loginForm);
    menuLogin.setEnabled(b: false);
    menuLogout.setEnabled(b: true);
}

```

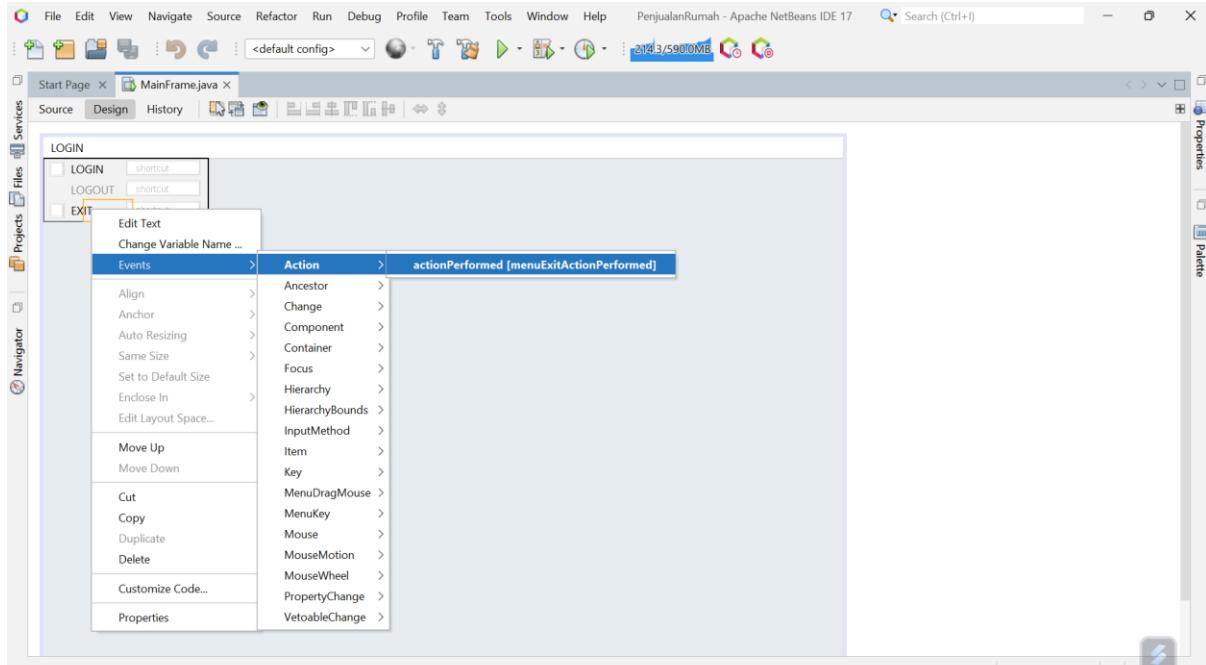
Ketik kode seperti diatas



Klik kanan logout, pilih Events > Action > actionPerformed

```
private void menuLogoutActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    MainFrame mainFrame = new MainFrame();  
    mainFrame.setVisible(b: true);  
    this.dispose();  
    menuLogout.setEnabled(b: false);  
    menuLogin.setEnabled(b: true);  
}
```

Ketik kode seperti diatas



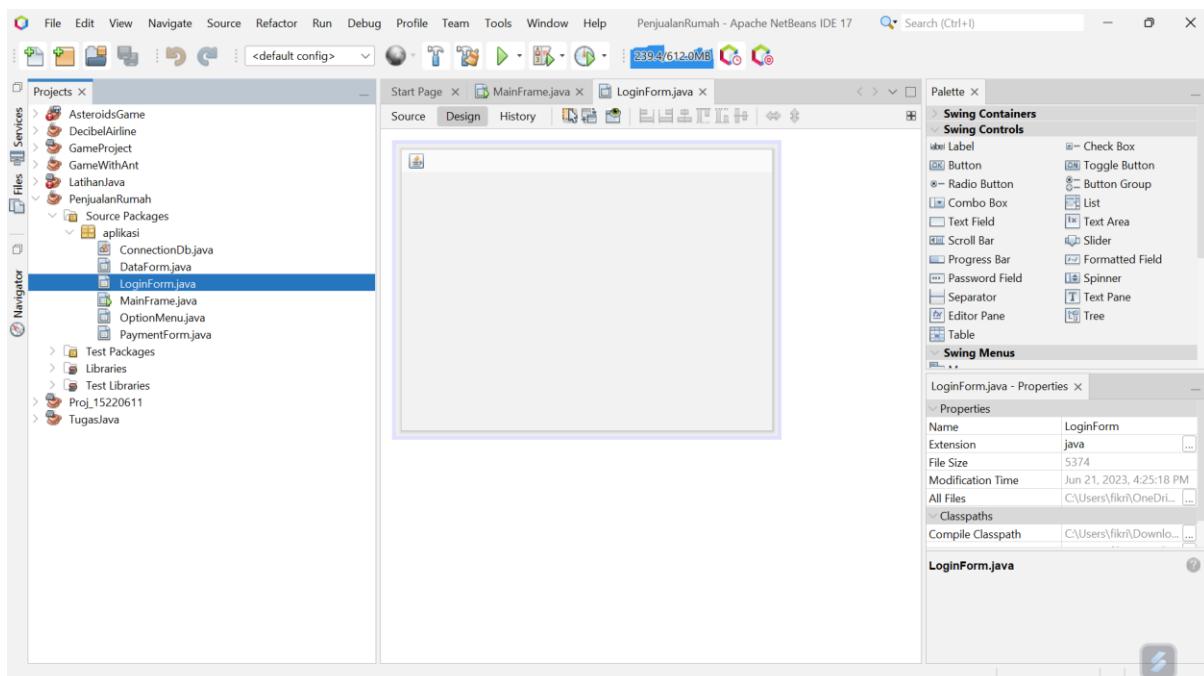
Klik kanan Exit, pilih Events > Action > actionPerformed

```

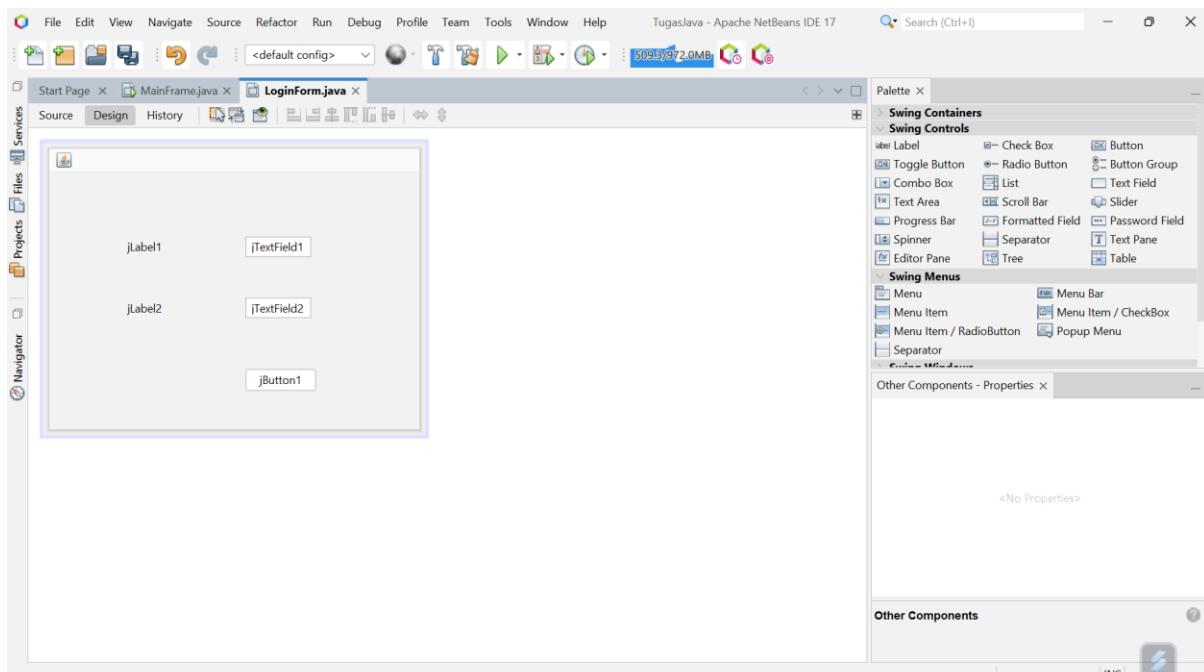
private void menuExitActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(JOptionPane.showConfirmDialog(parentComponent:null, message:"Keluar?", title: "Konfirmasi", optionType: JOptionPane.OK_CANCEL_OPTION)==JOptionPane.OK_OPTION) {
        System.exit(status: 0);
    }
}

```

Ketik kode seperti diatas



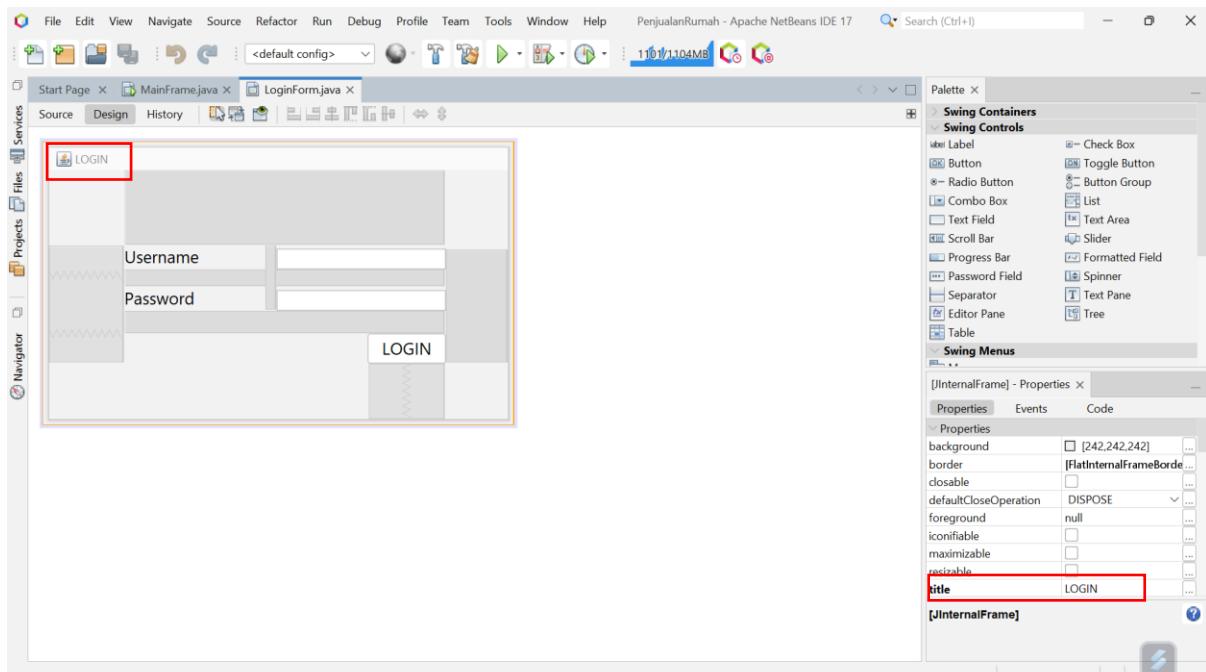
Selanjutnya buka LoginForm



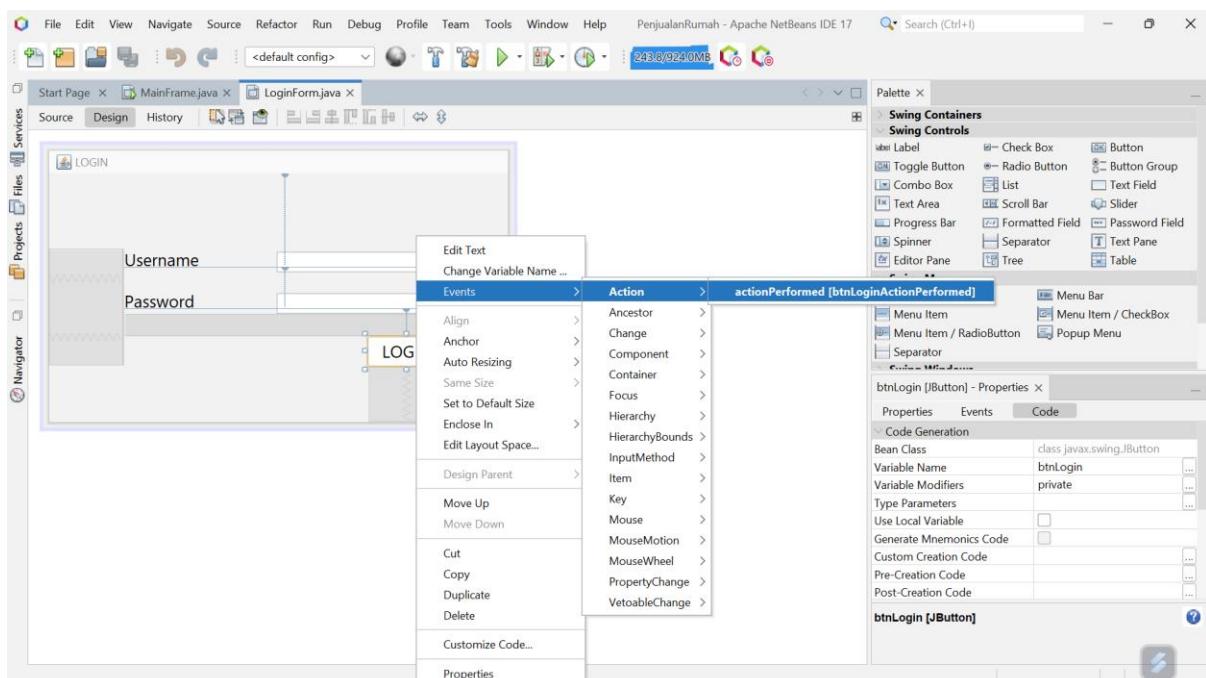
Masukkan Label, Text Field dan Button ke dalam frame

| Object | Edit Text | Variable Name |
|-------------|-----------|---------------|
| jLabel1 | Username | - |
| jLabel2 | Password | - |
| jTextField1 | - | txtUsername |
| jTextField2 | - | txtPassword |
| jButton1 | LOGIN | btnLogin |

Ikuti table diatas



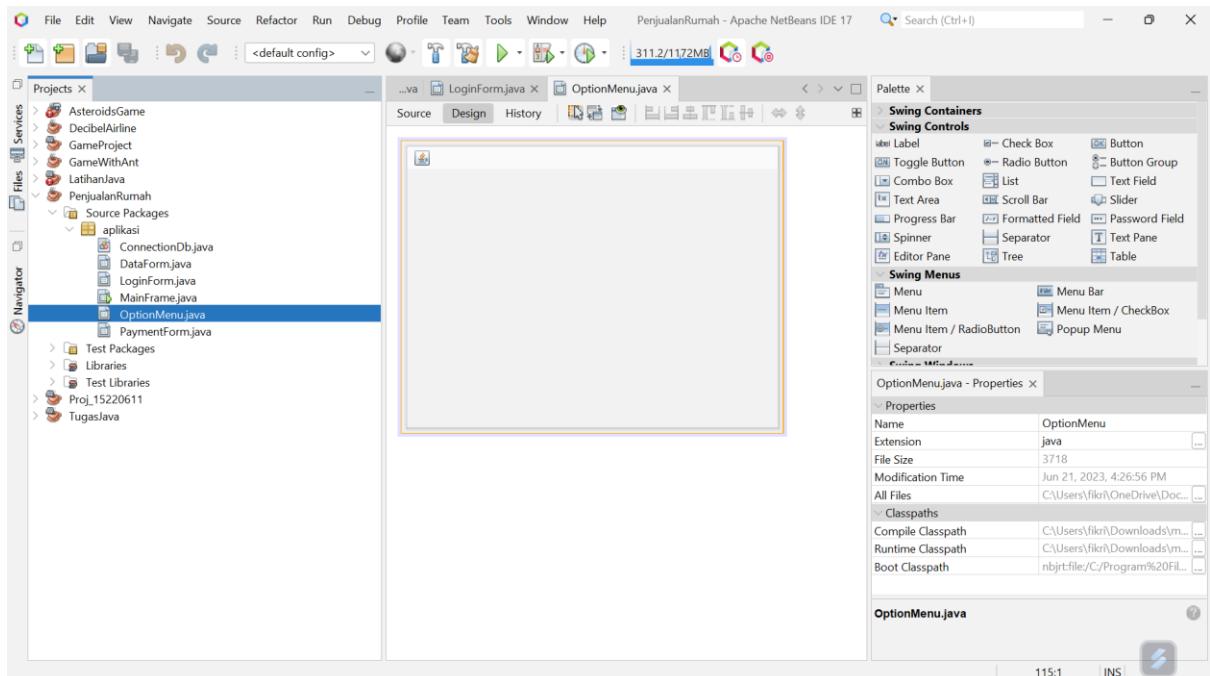
Klik frame, masukkan title Login



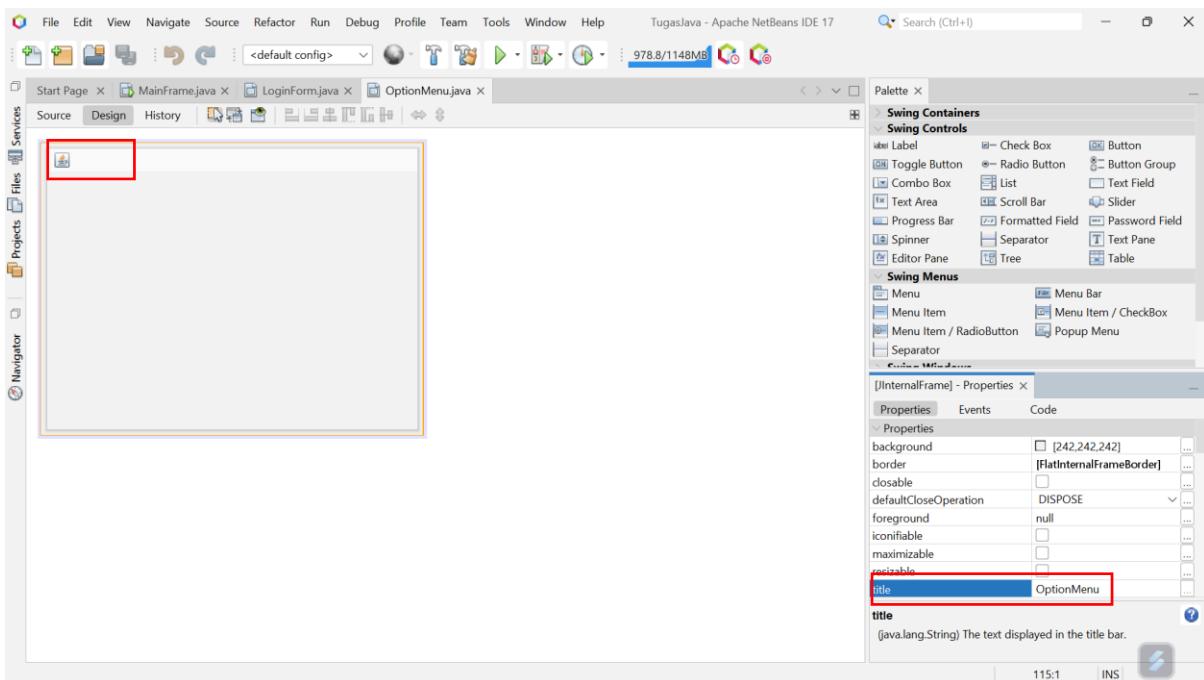
Klik kanan Button login, pilih Events > Action > actionPerformed

```
private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String username = "admin";
    String password = "admin";
    if(txtUsername.getText().equals(anObject:username) && txtPassword.getText().equals(anObject:password)) {
        JOptionPane.showMessageDialog(parentComponent:null, message:"Login Berhasil");
        OptionMenu optionMenu = new OptionMenu();
        optionMenu.setVisible(aFlag: true);
        this.getDesktopPane().add(comp:optionMenu);
        this.dispose();
    }else{
        JOptionPane.showMessageDialog(parentComponent:null, message:"Username / Password Salah");
    }
}
```

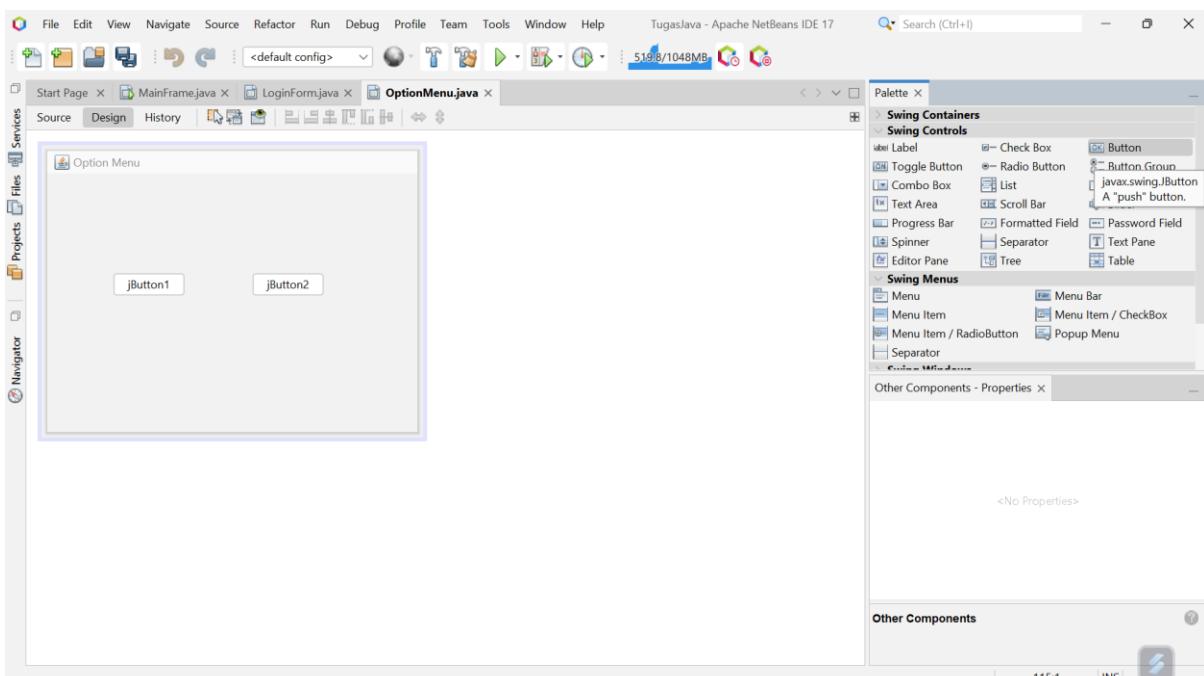
Ketik kode seperti diatas



Berikutnya, buka OptionMenu



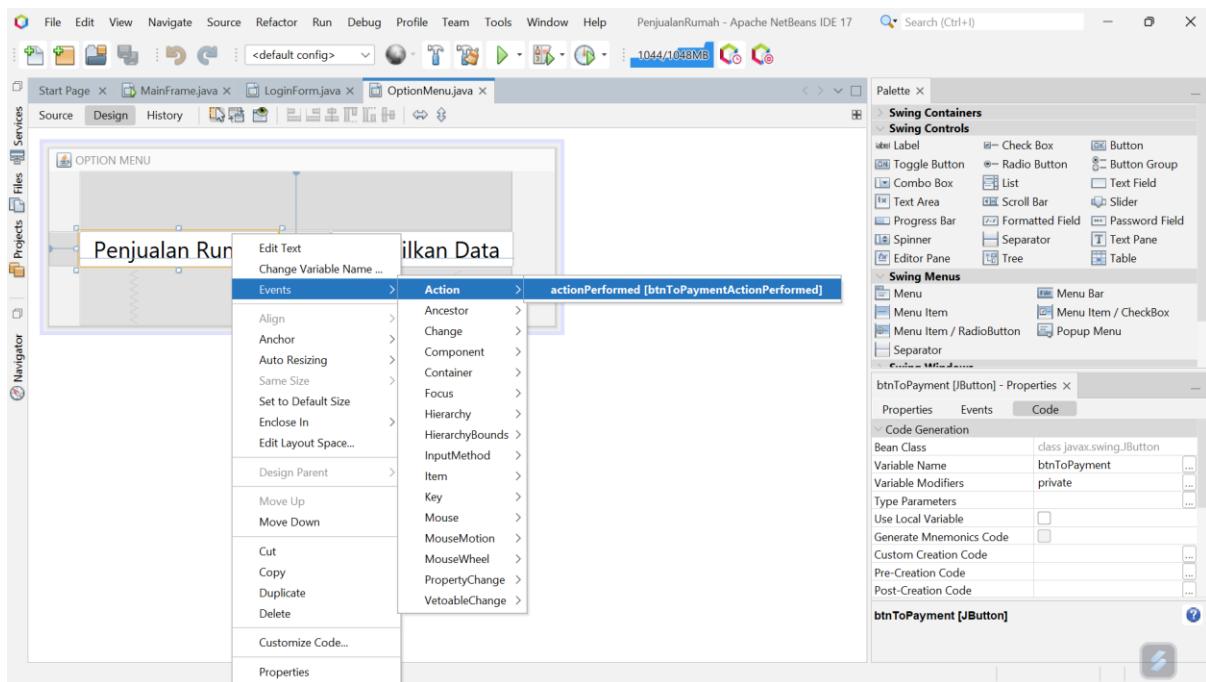
Klik frame, masukkan title Option Menu



Masukkan Button kedalam frame

| Object | Edit Text | Variable Name |
|----------|-----------------|---------------|
| jButton1 | Penjualan Rumah | btnToPayment |
| jButton2 | Tampilkan Data | btnShowData |

Ikuti table diatas



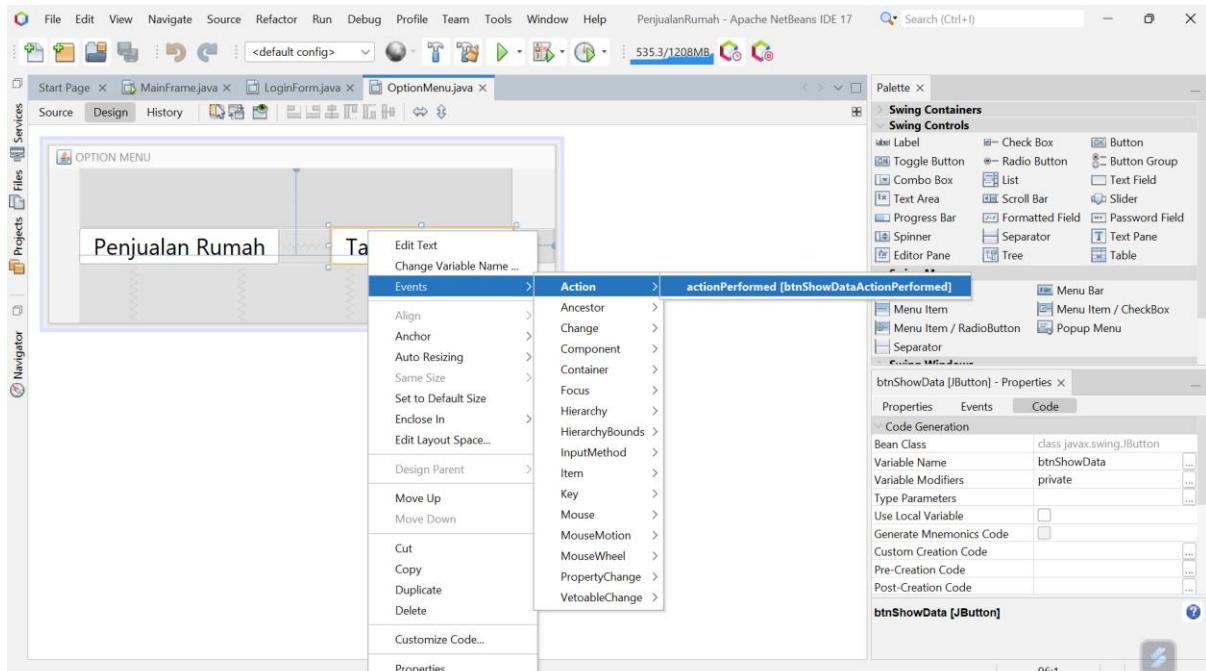
Klik kanan penjualan rumah, pilih Events > Action > actionPerformed

```

private void btnToPaymentActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    PaymentForm paymentForm = new PaymentForm();
    paymentForm.setVisible(aFlag: true);
    this.getDesktopPane().add(comp: paymentForm);
    this.dispose();
}

```

Ketik kode seperti diatas



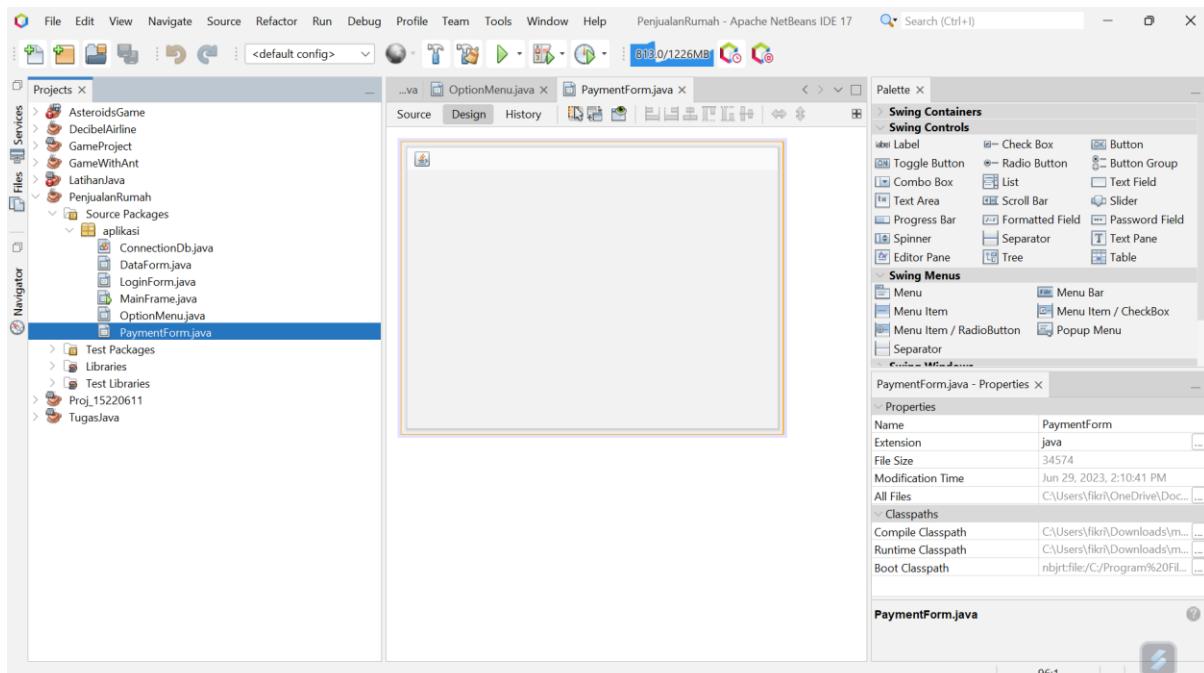
Klik kanan tampil data, pilih Events > Action > actionPerformed

```

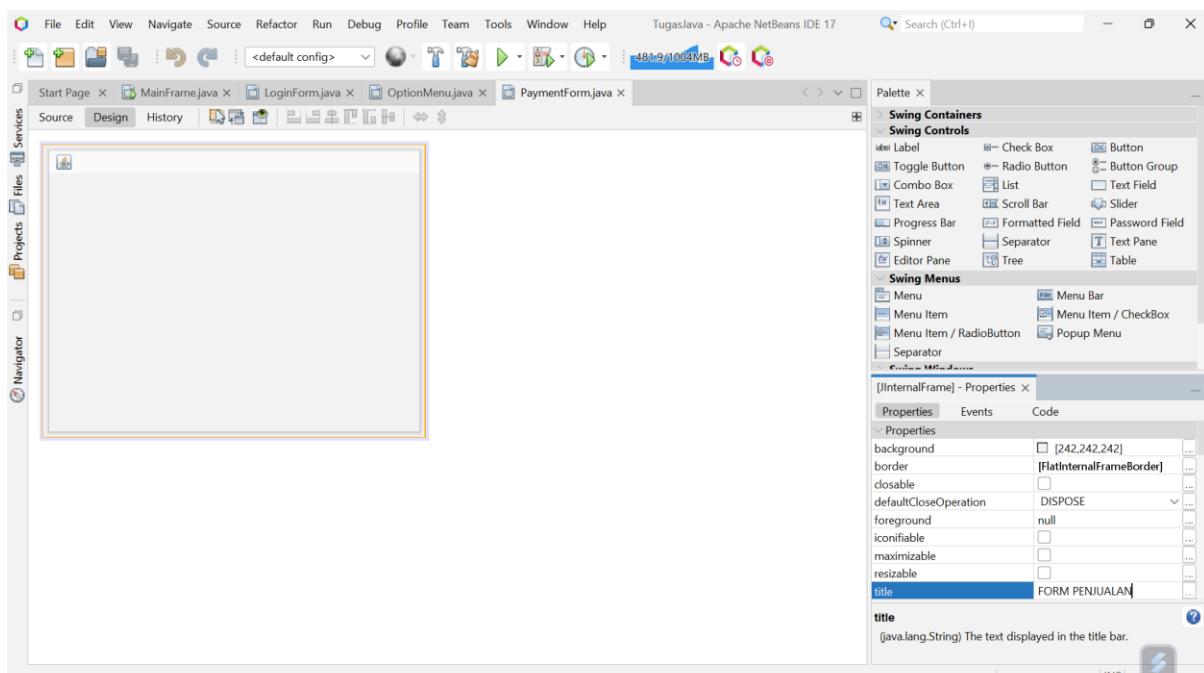
private void btnShowDataActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    DataForm dataForm = new DataForm();
    dataForm.setVisible(aFlag: true);
    this.getDesktopPane().add(comp: dataForm);
    this.dispose();
}

```

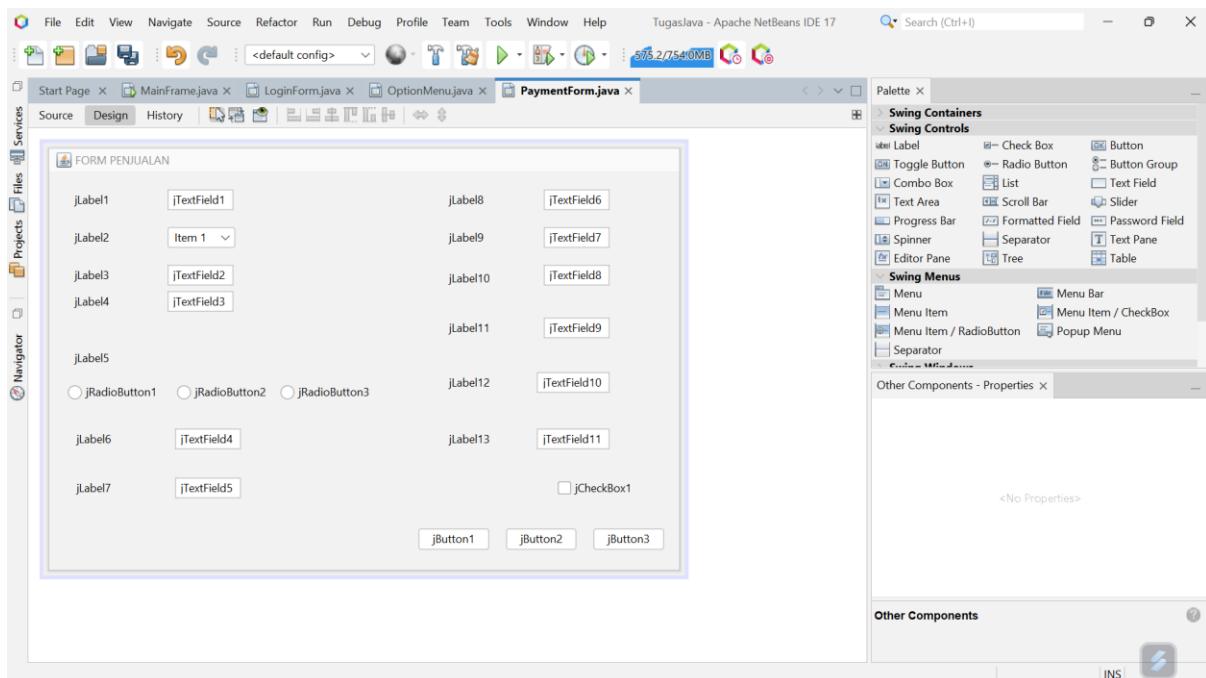
Ketik kode seperti diatas



Berikutnya, buka PaymentForm



Klik frame, masukkan title form penjualan

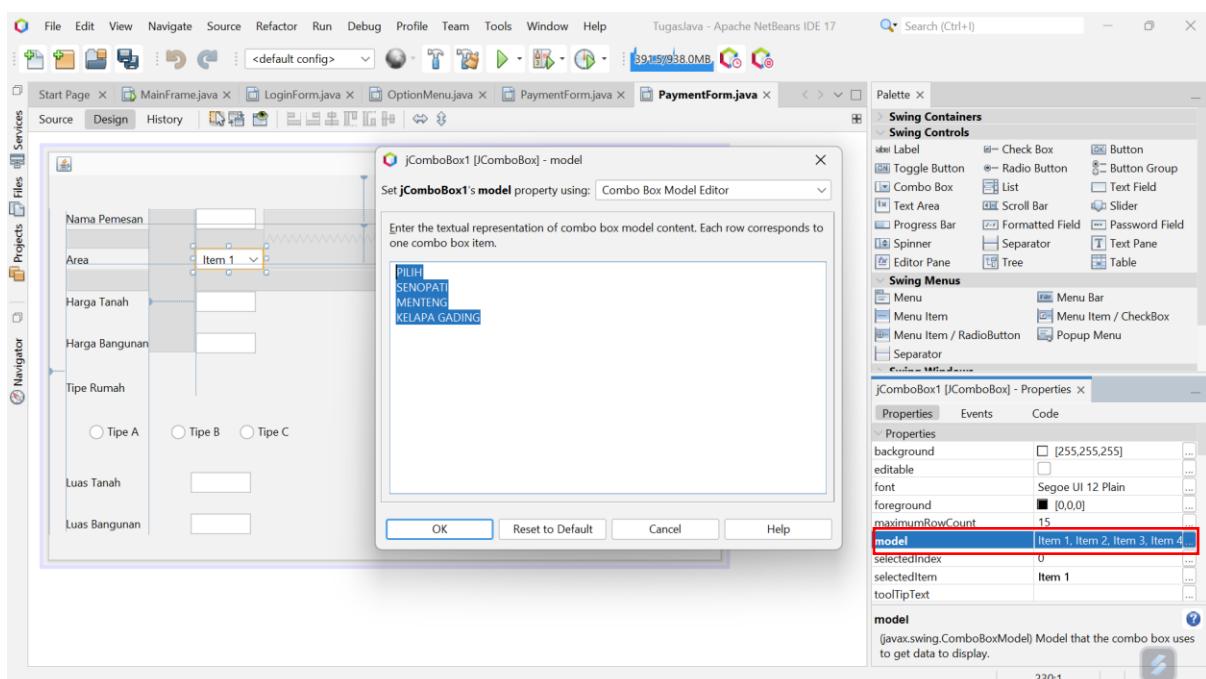


Masukkan Label, Text Field, Combo Box, Radio Button, Check Box, Button ke dalam frame

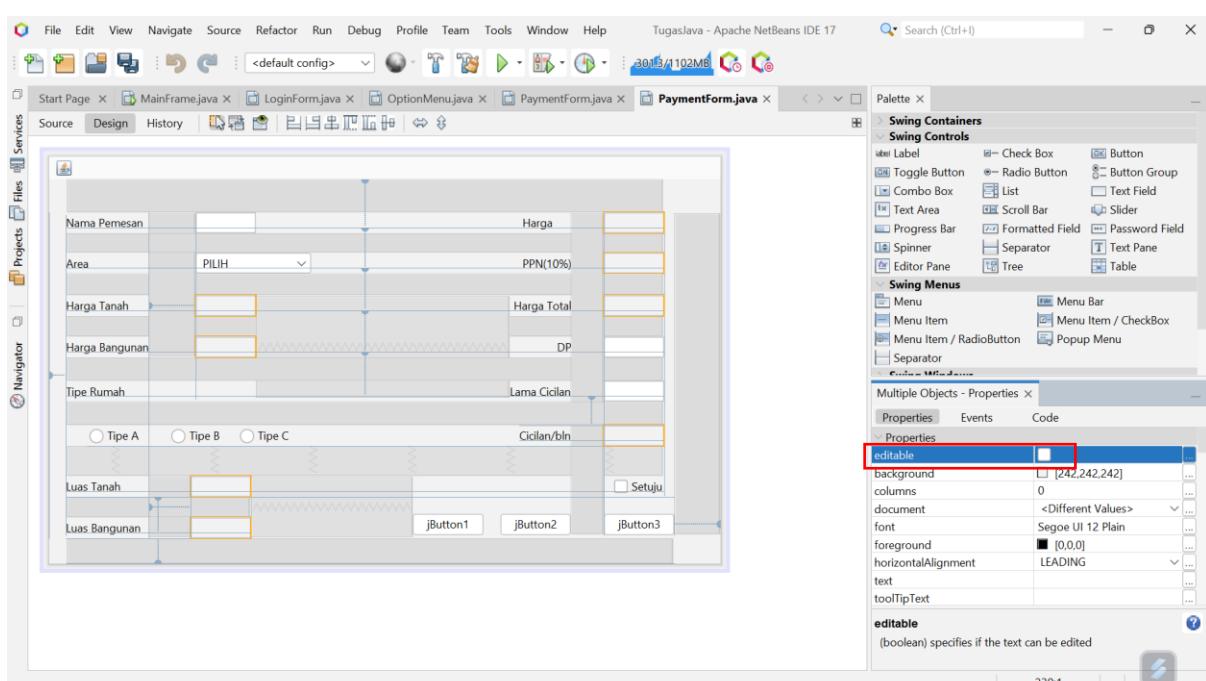
| Object | Edit Text | Variable Name |
|---------------|----------------|---------------------|
| jLabel1 | Nama Pemesan | - |
| jLabel2 | Area | - |
| jLabel3 | Harga Tanah | - |
| jLabel4 | Harga Bangunan | - |
| jLabel5 | Tipe Rumah | - |
| jLabel6 | Luas Tanah | - |
| jLabel7 | Luas Bangunan | - |
| jLabel8 | Harga | - |
| jLabel9 | PPN(10%) | - |
| jLabel10 | Harga Total | - |
| jLabel11 | DP | - |
| jLabel12 | Lama Cicilan | - |
| jLabel13 | Cicilan/bln | - |
| jTextField1 | - | txtOrderName |
| jTextField2 | - | txtPriceLand |
| jTextField3 | - | txtPriceBuilding |
| jTextField4 | - | txtLargeLand |
| jTextField5 | - | txtLargeBuilding |
| jTextField6 | - | txtPrice |
| jTextField7 | - | txtPPN |
| jTextField8 | - | txtTotalPrice |
| jTextField9 | - | txtDP |
| jTextField10 | - | txtInstalmentAmount |
| jTextField11 | - | txtInstalmentMonth |
| jComboBox1 | PILIH | cbArea |
| jRadioButton1 | Tipe A | rbTipeA |
| jRadioButton2 | Tipe B | rbTipeB |
| jRadioButton3 | Tipe C | rbTipeC |

| | | |
|------------|--------|--------------|
| jCheckBox1 | Setuju | cbxAgreement |
| jButton1 | Proses | btnProcess |
| jButton2 | Simpan | btnSave |
| jButton3 | Bersih | btnDelete |

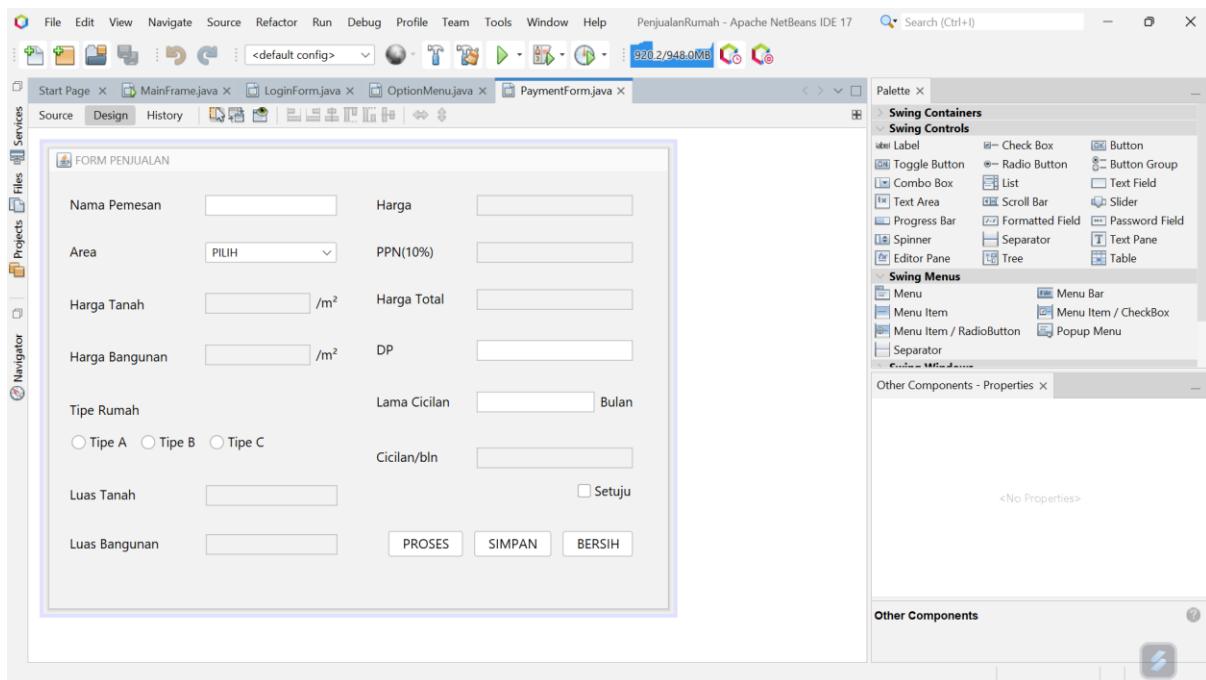
Ikuti table diatas



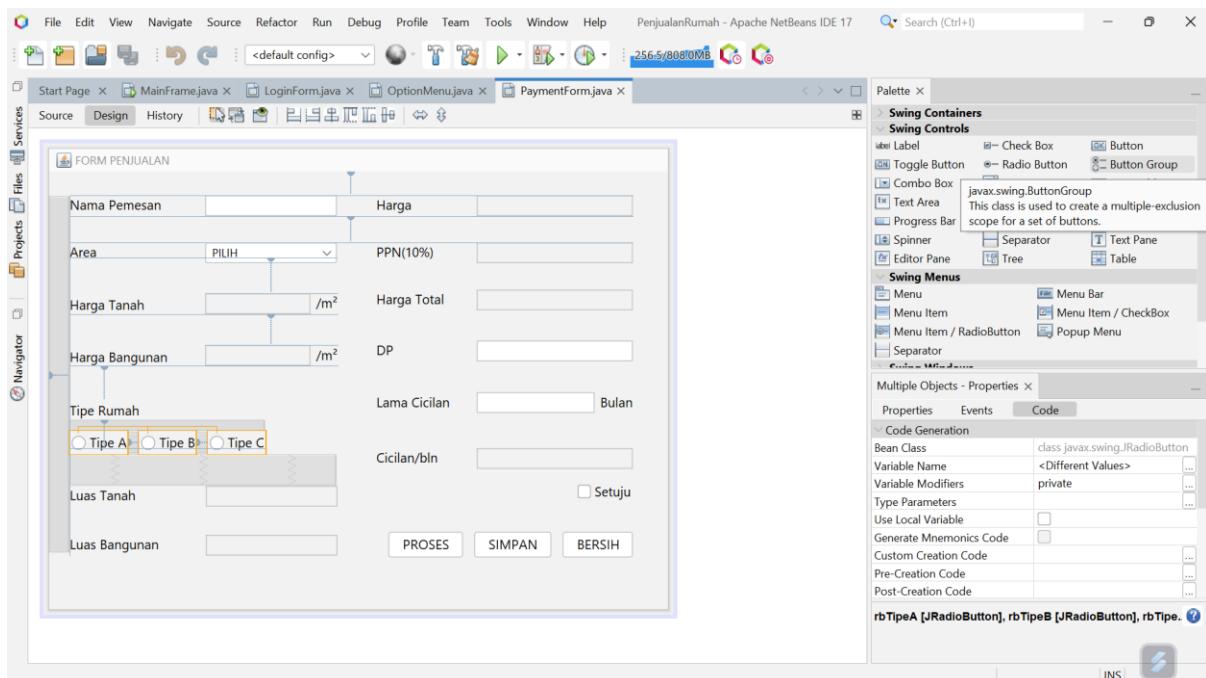
Ubah item di checkbox, klik titik di model, ganti item menjadi pilih dan nama daerah kemudian OK



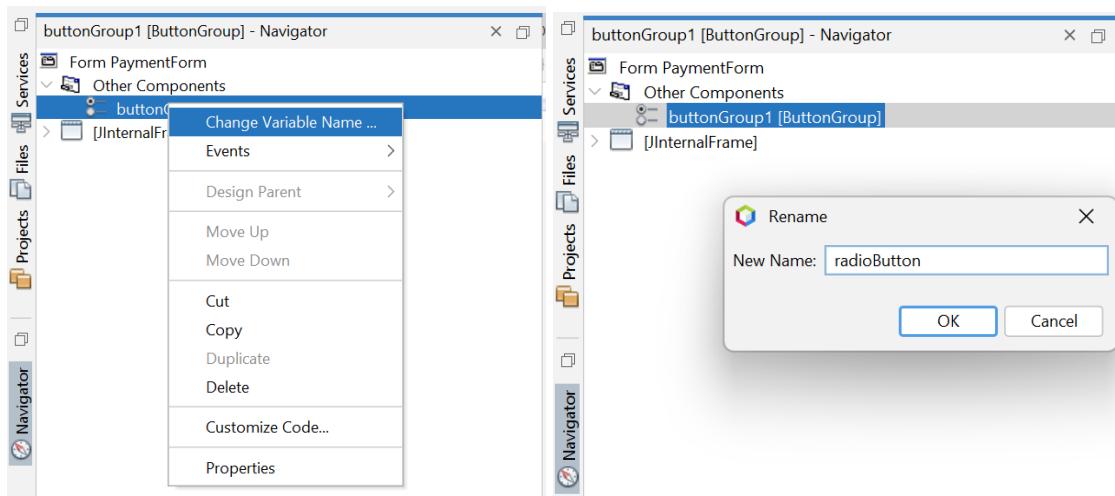
Hapus ceklis di text box harga tanah, harga bangunan, luas tanah, luas bangunan, harga, ppn, harga total, dan cicilan/bln



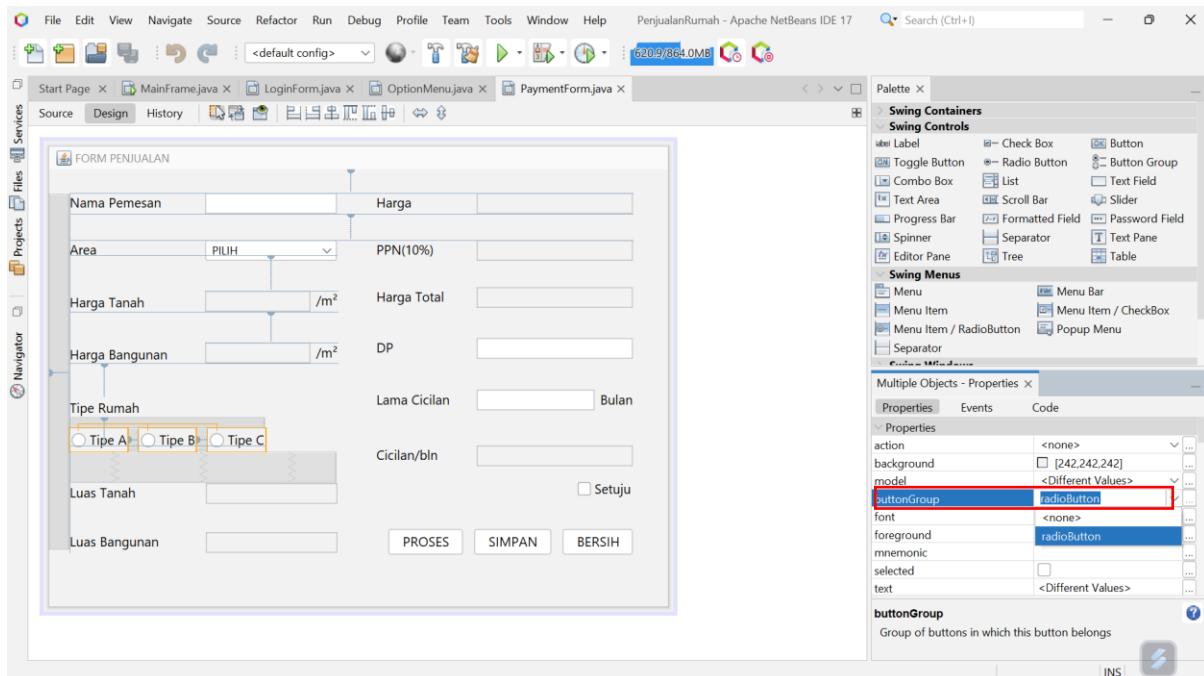
Text box yang dihilangkan ceklis nya tidak akan bisa di klik saat di run



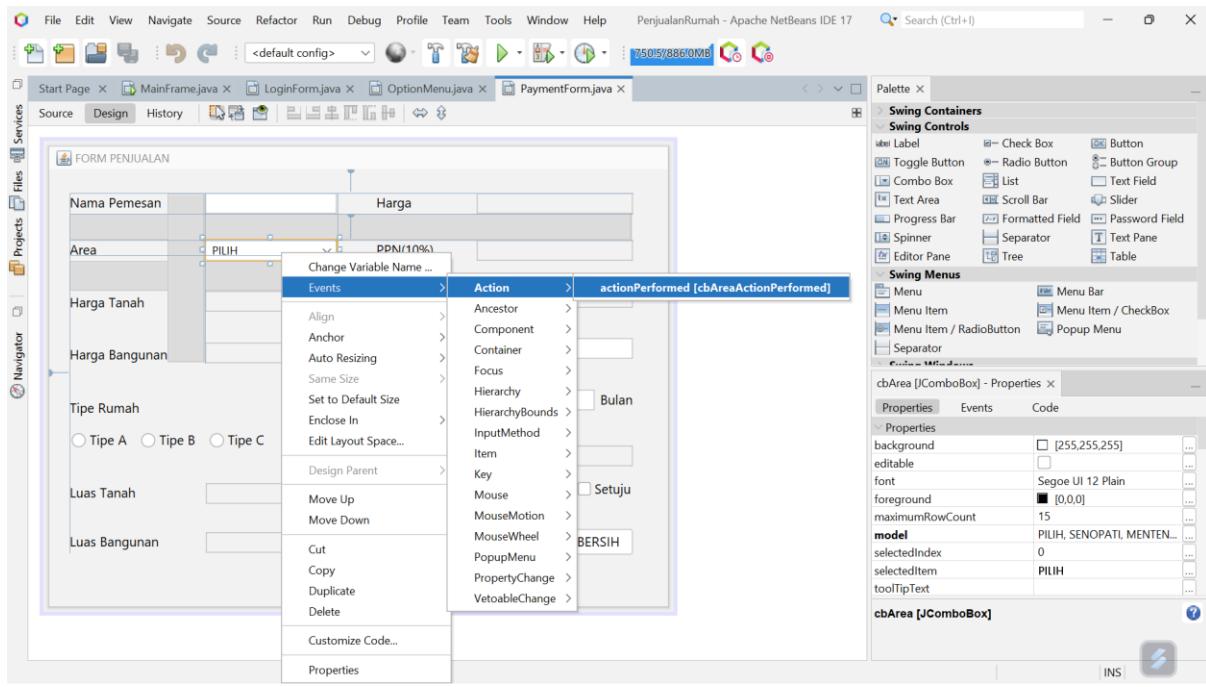
Gabungkan Tipe A B C menggunakan Button Group



Ke Navigator, klik kanan pada buttonGroup lalu ubah nama variable nya menjadi radioButton
Jika Navigator tidak muncul, klik menu Window > Navigator atau CTRL + 7



Pilih Tipe A B C lalu ubah buttonGroup menjadi radioButton di properties



Klik kanan checkbox Area, pilih Events > Action > actionPerformed

```

private void cbAreaActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    switch(cbArea.getSelectedIndex()) {
        case 0:
            txtPriceLand.setText(t: "");
            txtPriceBuilding.setText(t: "");
            radioButton.clearSelection();
            txtLargeLand.setText(t: "");
            txtLargeBuilding.setText(t: "");
            txtDP.setText(t: "");
            txtInstalmentAmount.setText(t: "");
            txtTotalPrice.setText(t: "");
            txtInstalmentMonth.setText(t: "");
            txtPPN.setText(t: "");
            cbxAgreement.setSelected(b: false);
            break;
        case 1:
            txtPriceLand.setText(t: "3500000");
            txtPriceBuilding.setText(t: "1500000");
            radioButton.clearSelection();
            txtLargeLand.setText(t: "");
            txtLargeBuilding.setText(t: "");
            txtDP.setText(t: "");
            txtInstalmentAmount.setText(t: "");
            txtTotalPrice.setText(t: "");
            txtInstalmentMonth.setText(t: "");
            txtPPN.setText(t: "");
            cbxAgreement.setSelected(b: false);
            break;
    }
}

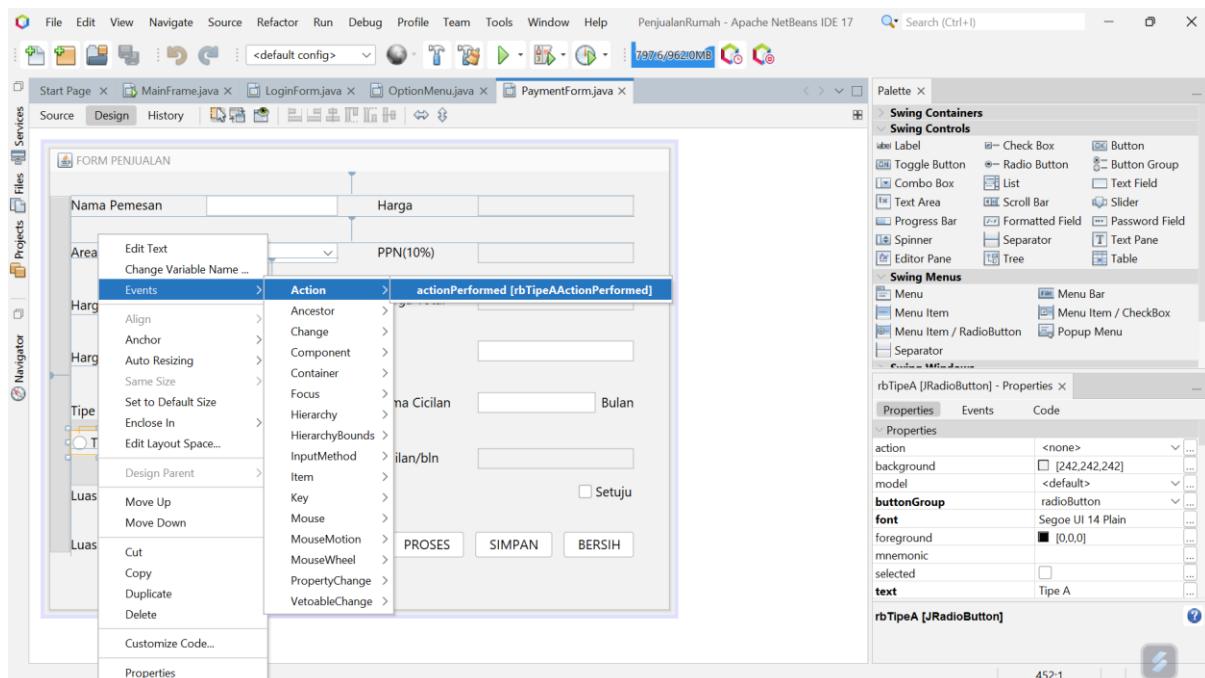
```

```

        case 2:
            txtPriceLand.setText(t: "2500000");
            txtPriceBuilding.setText(t: "1000000");
            radioButton.clearSelection();
            txtLargeLand.setText(t: "");
            txtLargeBuilding.setText(t: "");
            txtDP.setText(t: "");
            txtInstalmentAmount.setText(t: "");
            txtTotalPrice.setText(t: "");
            txtInstalmentMonth.setText(t: "");
            txtPPN.setText(t: "");
            cbxAgreement.setSelected(b: false);
            break;
        case 3:
            txtPriceLand.setText(t: "1500000");
            txtPriceBuilding.setText(t: "500000");
            radioButton.clearSelection();
            txtLargeLand.setText(t: "");
            txtLargeBuilding.setText(t: "");
            txtDP.setText(t: "");
            txtInstalmentAmount.setText(t: "");
            txtTotalPrice.setText(t: "");
            txtInstalmentMonth.setText(t: "");
            txtPPN.setText(t: "");
            cbxAgreement.setSelected(b: false);
            break;
    }
}

```

Ketik kode seperti diatas



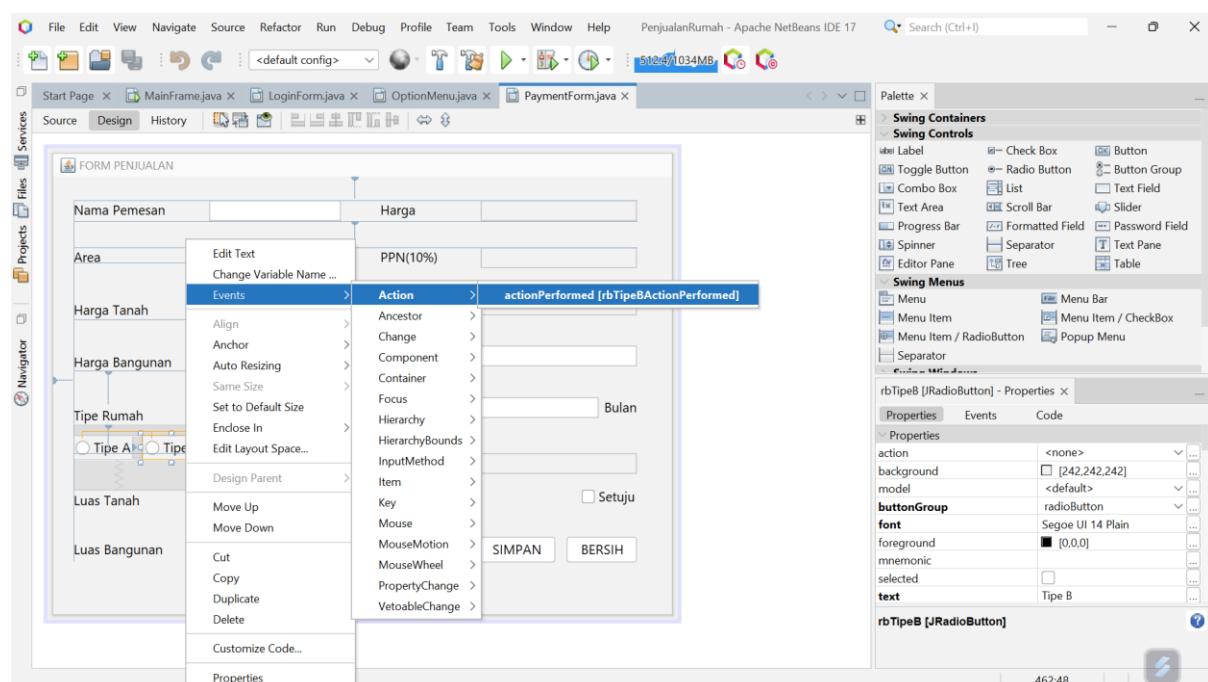
Klik kanan Radio Button Tipe A, pilih Events > Action > actionPerformed

```

private void rbTipeAActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(cbArea.getSelectedIndex()==0){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Pilih area terlebih dahulu");
        radioButton.clearSelection();
    }else{
        txtLargeLand.setText(t: "300");
        txtLargeBuilding.setText(t: "150");
        long landPrice = Long.parseLong(s: txtPriceLand.getText()),
            landLarge = Long.parseLong(s: txtLargeLand.getText()),
            buildingPrice = Long.parseLong(s: txtPriceBuilding.getText()),
            buildingLarge = Long.parseLong(s: txtLargeBuilding.getText()),
            Price, ppn, totalPrice;
        Price = (landPrice * landLarge) + (buildingPrice * buildingLarge);
        ppn = Price * 10 / 100;
        totalPrice = Price + ppn;
        txtPrice.setText(""+Price);
        txtPPN.setText(""+ppn);
        txtTotalPrice.setText(""+totalPrice);
        txtInstalmentAmount.setText(t: "");
        txtDP.setText(t: "");
        txtInstalmentMonth.setText(t: "");
    }
}

```

Ketik kode seperti diatas



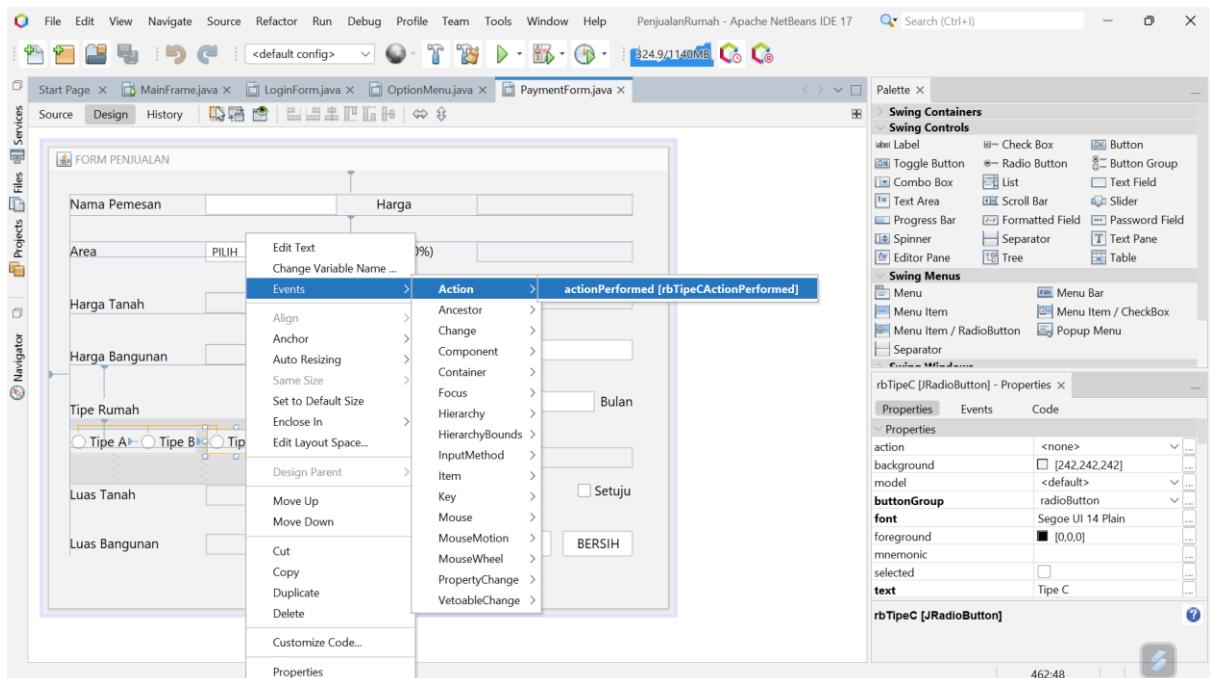
Klik kanan Radio Button Tipe B, pilih Events > Action > actionPerformed

```

private void rbTipeBActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(cbArea.getSelectedIndex()==0){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Pilih area terlebih dahulu");
        radioButton.clearSelection();
    }else{
        txtLargeLand.setText(t: "200");
        txtLargeBuilding.setText(t: "100");
        long landPrice = Long.parseLong(s: txtPriceLand.getText());
        landLarge = Long.parseLong(s: txtLargeLand.getText());
        buildingPrice = Long.parseLong(s: txtPriceBuilding.getText());
        buildingLarge = Long.parseLong(s: txtLargeBuilding.getText());
        Price, ppn, totalPrice;
        Price = (landPrice * landLarge) + (buildingPrice * buildingLarge);
        ppn = Price * 10 / 100;
        totalPrice = Price + ppn;
        txtPrice.setText(""+Price);
        txtPPN.setText(""+ppn);
        txtTotalPrice.setText(""+totalPrice);
        txtInstalmentAmount.setText(t: "");
        txtDP.setText(t: "");
        txtInstalmentMonth.setText(t: "");
    }
}

```

Ketik kode seperti diatas



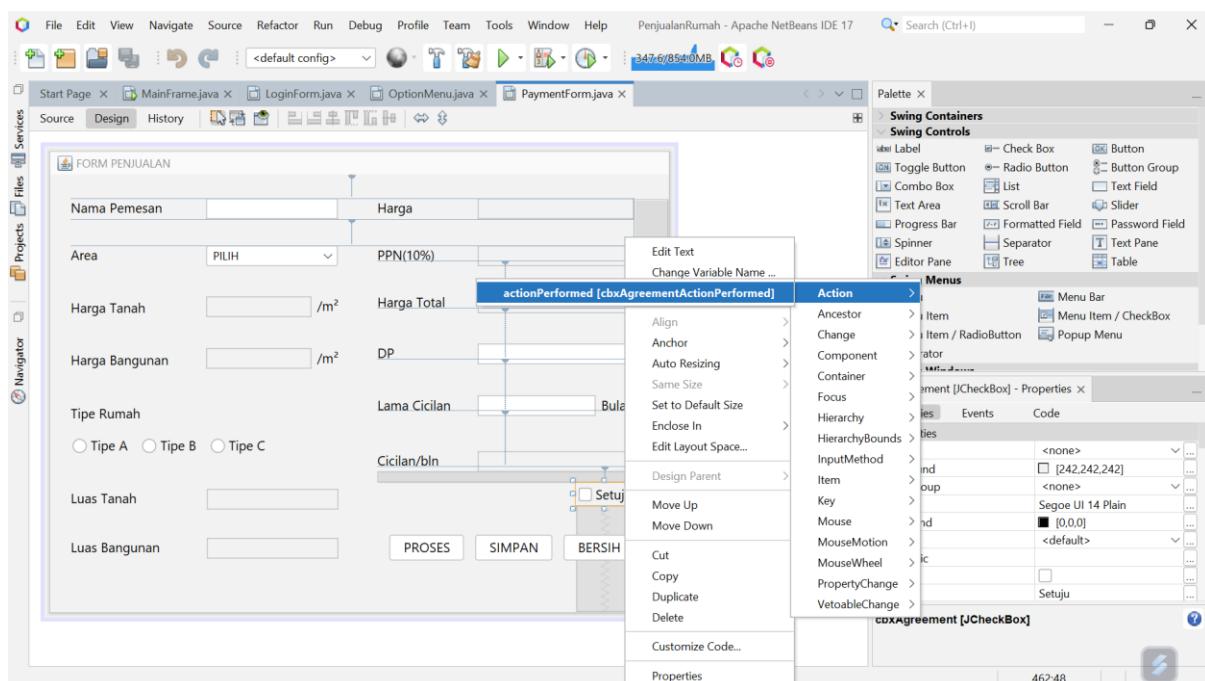
Klik kanan Radio Button Tipe C, pilih Events > Action > actionPerformed

```

private void rbTipeCActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(cbArea.getSelectedIndex()==0){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Pilih area terlebih dahulu");
        radioButton.clearSelection();
    }else{
        txtLargeLand.setText(t: "100");
        txtLargeBuilding.setText(t: "50");
        long landPrice = Long.parseLong(s: txtPriceLand.getText()),
            landLarge = Long.parseLong(s: txtLargeLand.getText()),
            buildingPrice = Long.parseLong(s: txtPriceBuilding.getText()),
            buildingLarge = Long.parseLong(s: txtLargeBuilding.getText()),
            Price, ppn, totalPrice;
        Price = (landPrice * landLarge) + (buildingPrice * buildingLarge);
        ppn = Price * 10 / 100;
        totalPrice = Price + ppn;
        txtPrice.setText(""+Price);
        txtPPN.setText(""+ppn);
        txtTotalPrice.setText(""+totalPrice);
        txtInstalmentAmount.setText(t: "");
        txtDP.setText(t: "");
        txtInstalmentMonth.setText(t: "");
    }
}

```

Ketik kode seperti diatas



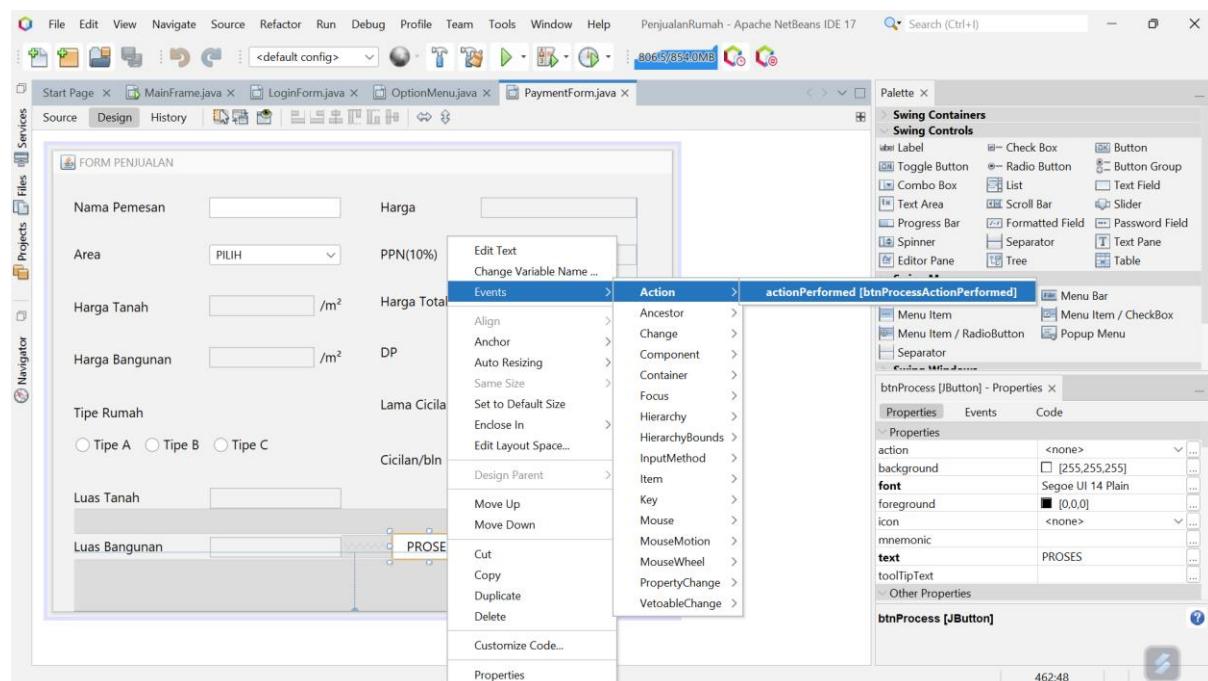
Klik kanan CheckBox Setuju, pilih Events > Action > actionPerformed

```

private void cbxAgreementActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(txtOrderName.getText().isEmpty()){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Nama pemesan harus diisi");
        cbxAgreement.setSelected(b: false);
    }else if(txtInstalmentMonth.getText().isEmpty()){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Tekan tombol proses terlebih dahulu");
        cbxAgreement.setSelected(b: false);
    }else if(cbxAgreement.isSelected()==true){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Pemesan menyetujui");
        cbxAgreement.setSelected(b: true);
    }else{
        JOptionPane.showMessageDialog(parentComponent:null, message:"Pesanan belum disetujui");
        cbxAgreement.setSelected(b: false);
    }
}

```

Ketik kode seperti diatas



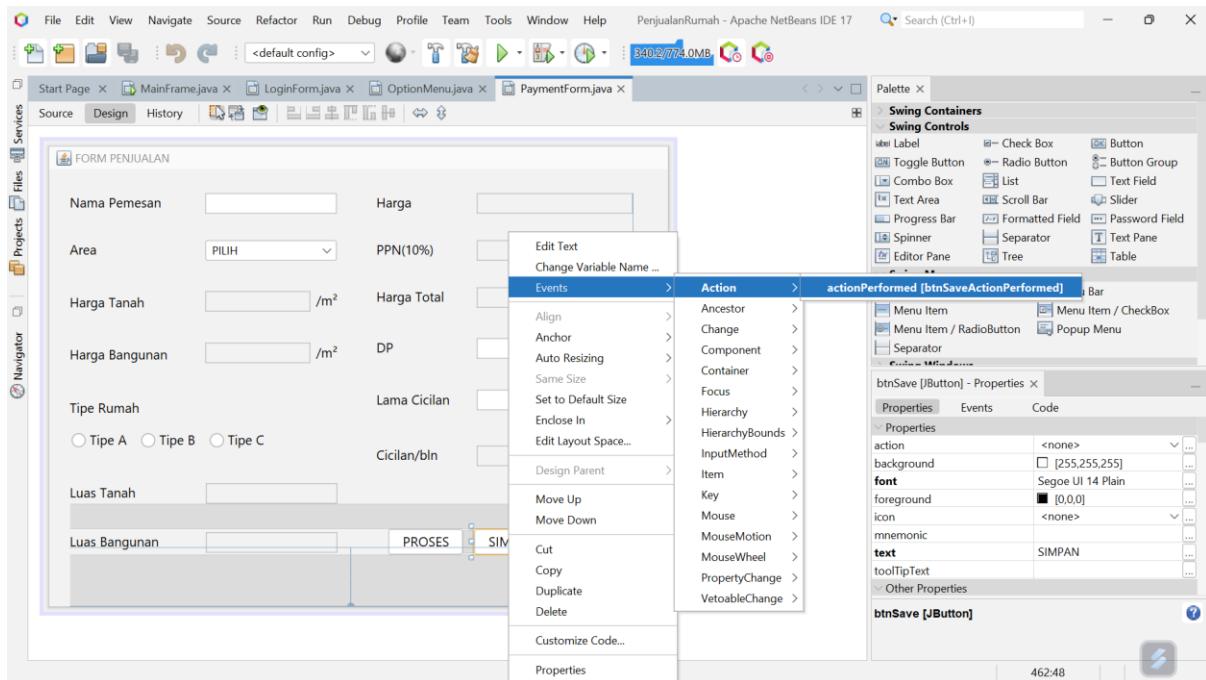
Klik kanan Button Proses, pilih Events > Action > actionPerformed

```

private void btnProcessActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(txtDP.getText().isEmpty()){
        JOptionPane.showMessageDialog(parentComponent:null, message:"DP harus diisi");
    }else if(txtInstalmentAmount.getText().isEmpty()){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Isi tenor cicilan");
    }else{
        long totalPrice = Long.parseLong(s: txtTotalPrice.getText()),
        dp = Long.parseLong(s: txtDP.getText()),
        instalmentAmount = Long.parseLong(s: txtInstalmentAmount.getText()),
        ppn, instalmentperMonth;
        instalmentperMonth = (totalPrice - dp)/instalmentAmount;
        txtInstalmentMonth.setText(" "+instalmentperMonth);
    }
}

```

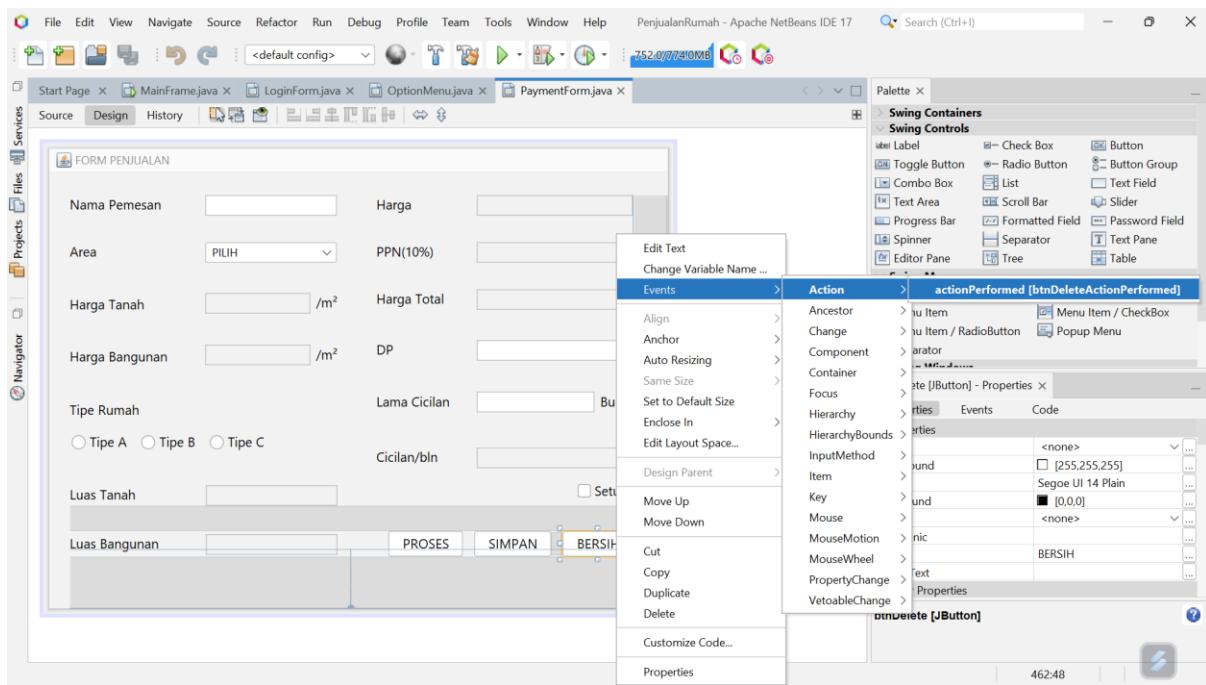
Ketik kode seperti diatas



Klik kanan Button Simpan, pilih Events > Action > actionPerformed

```
private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(cbxAgreement.isSelected() == false){
        JOptionPane.showMessageDialog(parentComponent:null, message:"Klik setuju untuk simpan data",
        title: "Error", messageType:JOptionPane.ERROR_MESSAGE);
    }else{
        String typeHouse;
        if(rbTipeA.isSelected()){
            typeHouse = "Tipe A";
        }else if(rbTipeB.isSelected()){
            typeHouse = "Tipe B";
        }else{
            typeHouse = "Tipe C";
        }
        String largeHouse;
        if(rbTipeA.isSelected()){
            largeHouse = "300m²/150m²";
        }else if(rbTipeB.isSelected()){
            largeHouse = "200m²/100m²";
        }else{
            largeHouse = "100m²/50m²";
        }
        try{
            String sql = "INSERT INTO rumah (nama, area, tipe, luas, harga, jml_cicilan, cicilan_bln) VALUES ('"
                + txtOrderName.getText() + "','"
                + cbArea.getSelectedItem() + "','"
                + typeHouse + "','"
                + largeHouse + "','"
                + txtTotalPrice.getText() + "','"
                + txtInstalmentAmount.getText() + "','"
                + txtInstalmentMonth.getText() + "')";
            Connection conn = (Connection)ConnectionDb.connectDatabase();
            Preparedstatement pst = (Preparedstatement) conn.prepareStatement(string: sql);
            pst.execute();
        } catch (SQLException ex) {
            Logger.getLogger(PaymentForm.class.getName()).log(level: Level.SEVERE, msg:null, thrown: ex);
        }
        OptionMenu optionMenu = new OptionMenu();
        optionMenu.setVisible(aFlag: true);
        this.getDesktopPane().add(comp: optionMenu);
        this.dispose();
    }
}
```

Ketik kode seperti diatas



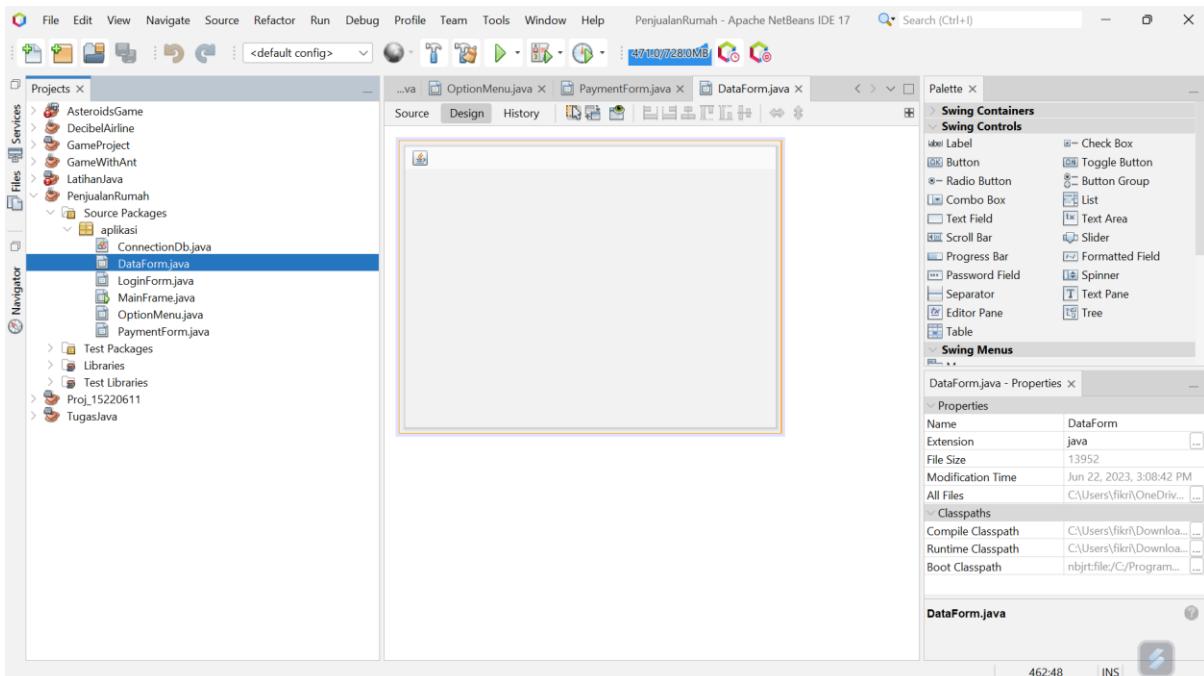
Klik kanan Button Bersih, pilih Events > Action > actionPerformed

```

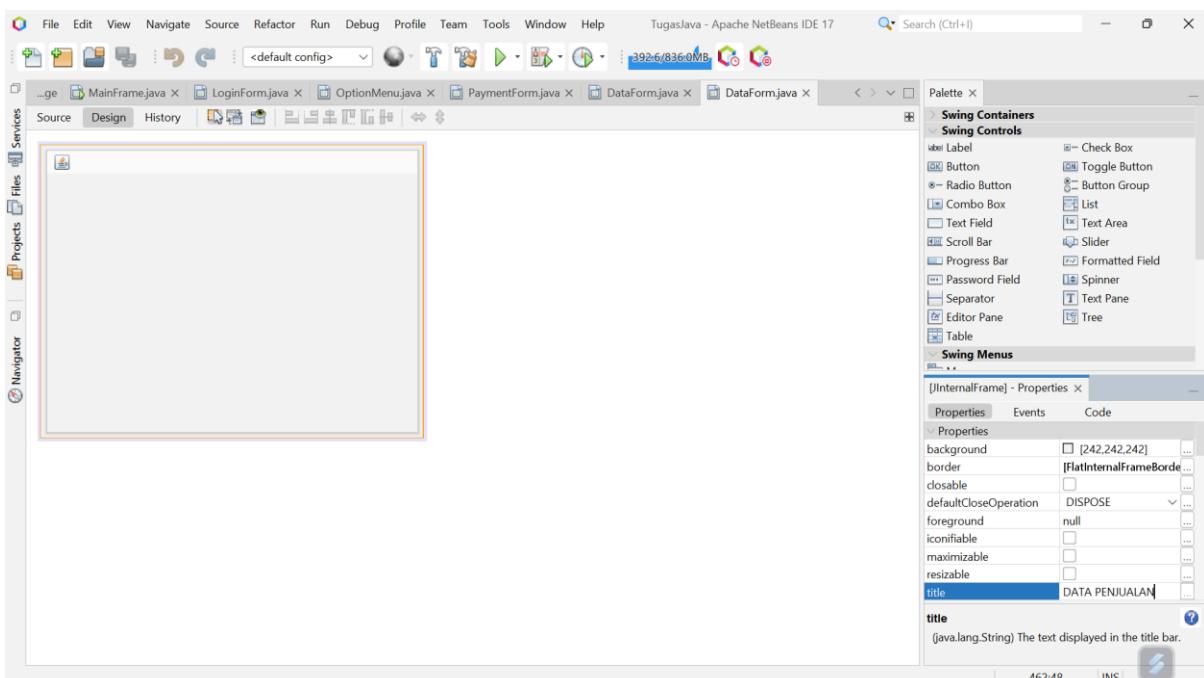
private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    txtOrderName.setText("");
    cbArea.setSelectedIndex(0);
    txtPriceLand.setText("");
    txtPriceBuilding.setText("");
    radioButton.clearSelection();
    txtLargeLand.setText("");
    txtLargeBuilding.setText("");
    txtPrice.setText("");
    txtPPN.setText("");
    txtTotalPrice.setText("");
    txtDP.setText("");
    txtInstalmentAmount.setText("");
    txtInstalmentMonth.setText("");
    cbxAgreement.setSelected(false);
}

```

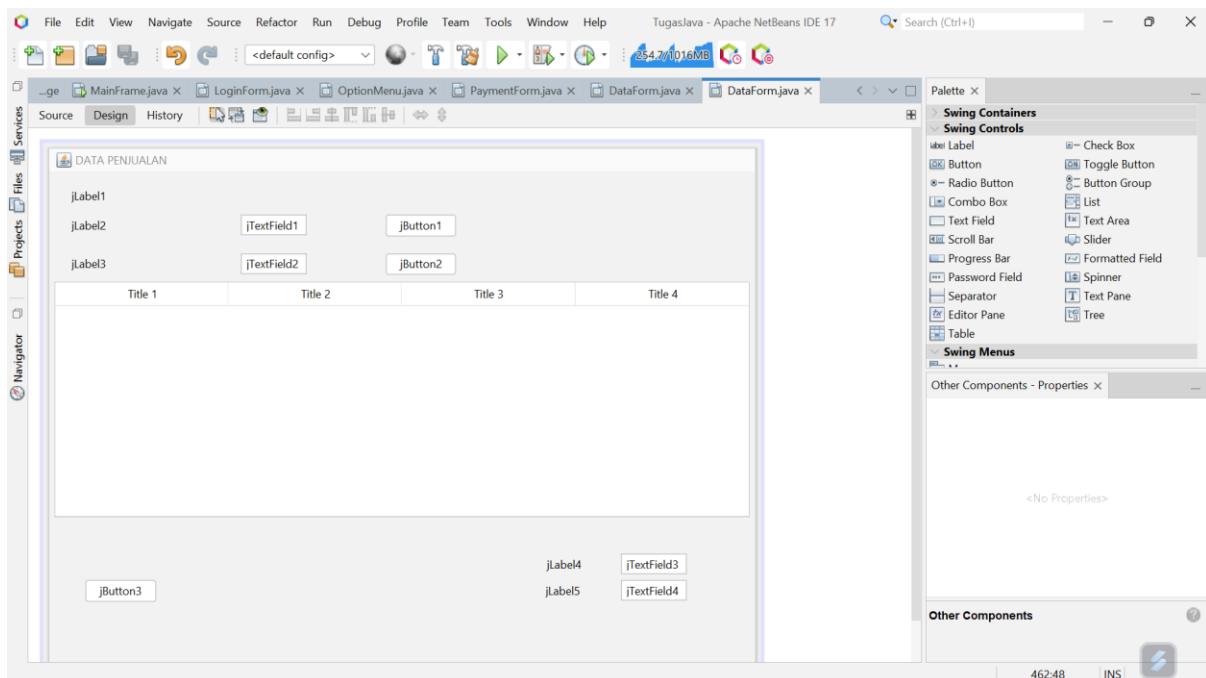
Ketik kode seperti diatas



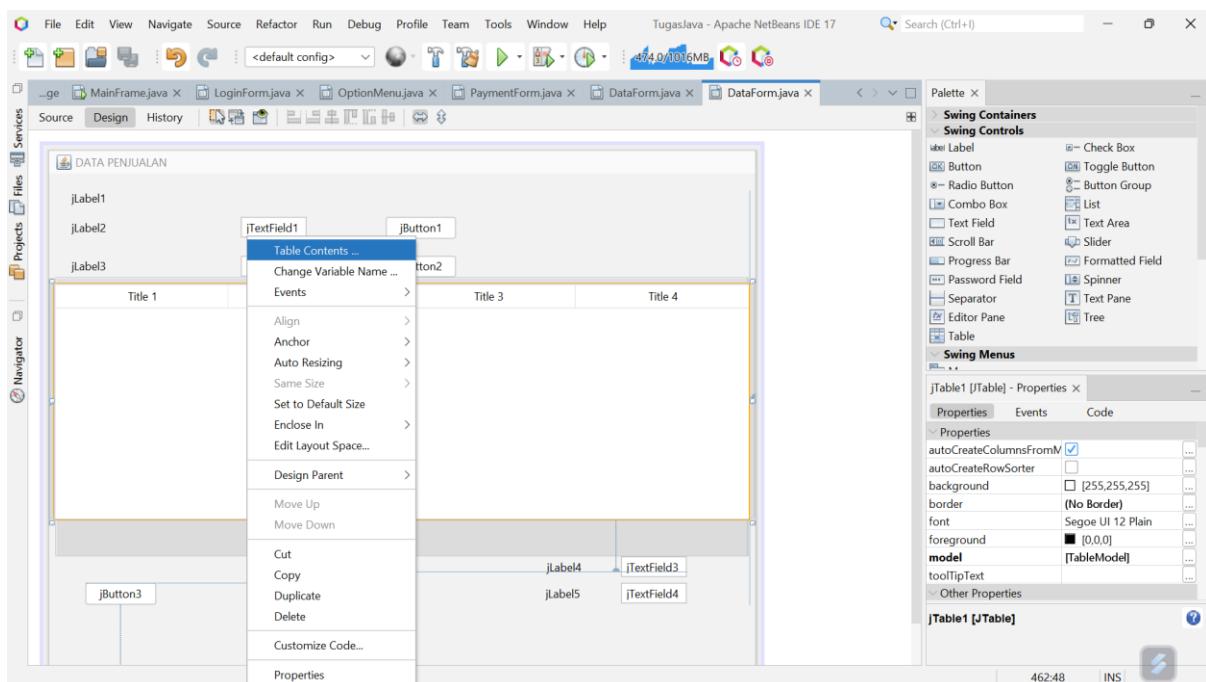
Selanjutnya masuk ke DataForm



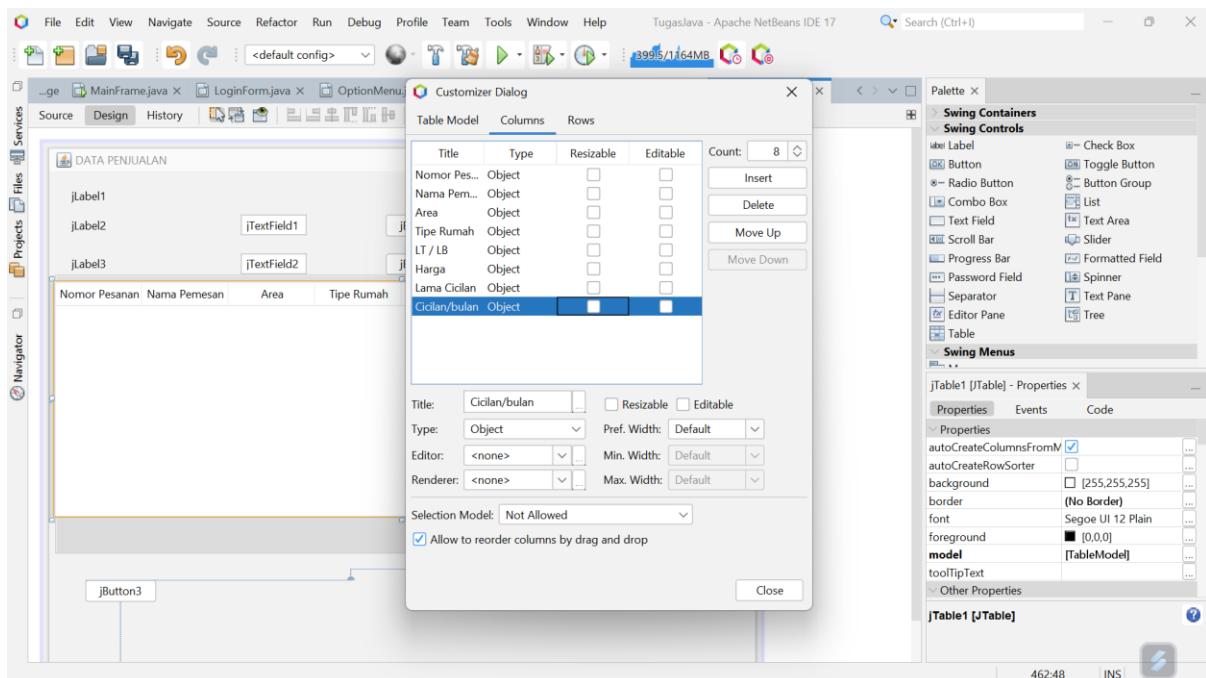
Klik frame, masukkan title Data Penjualan



Masukkan Label, Text Field, Table, Button ke dalam frame



Klik kanan table, pilih table contents



Masuk ke menu columns, klik insert untuk menambah column. Ketik nomor pesanan, nama pemesan, area, tipe rumah, lt/lb, harga, lama cicilan dan cicilan/bulan

| Object | Edit Text | Variable Name |
|-------------|----------------------|----------------|
| jLabel1 | Cari Data | - |
| jLabel2 | Nama Pemesan | - |
| jLabel3 | Area | - |
| jLabel4 | Jumlah Rumah Terjual | - |
| jLabel5 | Total Penjualan | - |
| jTextField1 | - | orderNameTxt |
| jTextField2 | - | areaTxt |
| jTextField3 | - | txtTotalHouse |
| jTextField4 | - | txtTotalIncome |
| jButton1 | | searchBtn |
| jButton2 | | deleteBtn |
| jButton3 | | btnToMenu |

Ikuti tabel diatas

```

    /**
     * Creates new form DataForm
     */
    String sql = "select * from rumah";
    public DataForm() {
        initComponents();
        showTable(sql);
    }
}

```

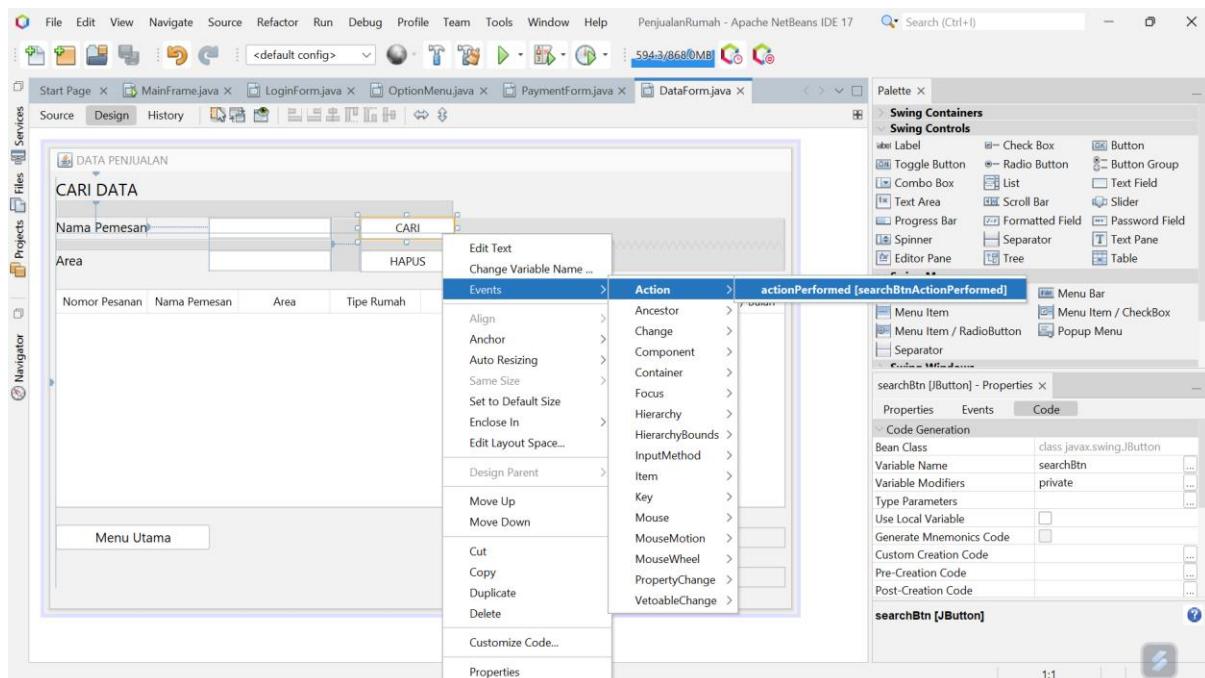
Klik source, ketik kode di samping

```

public void showTable(String sql){
    try{
        Statement stat = (Statement)ConnectionDb.connectDatabase().createStatement();
        ResultSet rs = stat.executeQuery(string: sql);
        DefaultTableModel tableModel;
        tableModel = (DefaultTableModel)tableData.getModel();
        tableModel.getDataVector().removeAllElements();
        while(rs.next()){
            tableModel.addRow(new Object[]{
                rs.getString(i: 1), rs.getString(i: 2), rs.getString(i: 3), rs.getString(i: 4),
                rs.getString(i: 5), rs.getString(i: 6), rs.getString(i: 7), rs.getString(i: 8)
            });
            long totalIncome = 0;
            int totalHouse;
            totalHouse = rs.getRow();
            for(int i=0; i<totalHouse;i++){
                long income = Long.parseLong((String)tableModel.getValueAt(row:i, column: 5));
                totalIncome += income;
            }
            txtTotalHouse.setText(""+totalHouse);
            txtTotalIncome.setText(""+totalIncome);
        }
    } catch (SQLException ex) {
        Logger.getLogger(DataForm.class.getName()).log(level: Level.SEVERE, msg:null, thrown: ex);
    }
}

```

Ketik kode seperti diatas



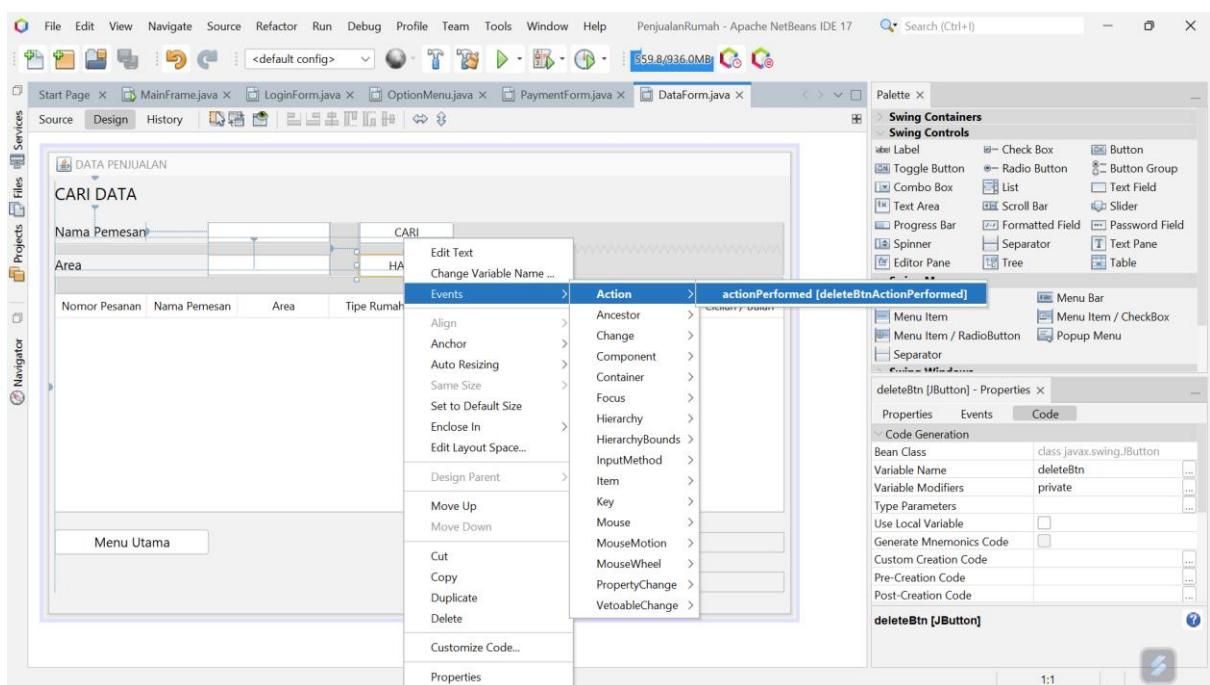
Klik Button cari, pilih Events > Action > actionPerformed

```

private void searchBtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(orderNameTxt.getText().isEmpty() && areaTxt.getText().isEmpty()){
        JOptionPane.showMessageDialog(parentComponent:rootPane, message:"Masukkan data yang ingin dicari",
            title: "Error", messageType:JOptionPane.ERROR_MESSAGE);
        showTable(sql);
    }else if(orderNameTxt.getText().isEmpty()){
        //mencari berdasarkan area
        showTable("SELECT * FROM rumah WHERE area LIKE '%" + areaTxt.getText() + "%'");
    }else if(areaTxt.getText().isEmpty()){
        //mencari berdasarkan nama
        showTable("SELECT * FROM rumah WHERE nama LIKE '%" + orderNameTxt.getText() + "%'");
    }else{
        //mencari berdasarkan nama dan area
        showTable("SELECT * FROM rumah WHERE nama LIKE '%" + orderNameTxt.getText()
            + "%' AND area LIKE '%" + areaTxt.getText() + "%'");
    }
}

```

Ketik kode seperti diatas



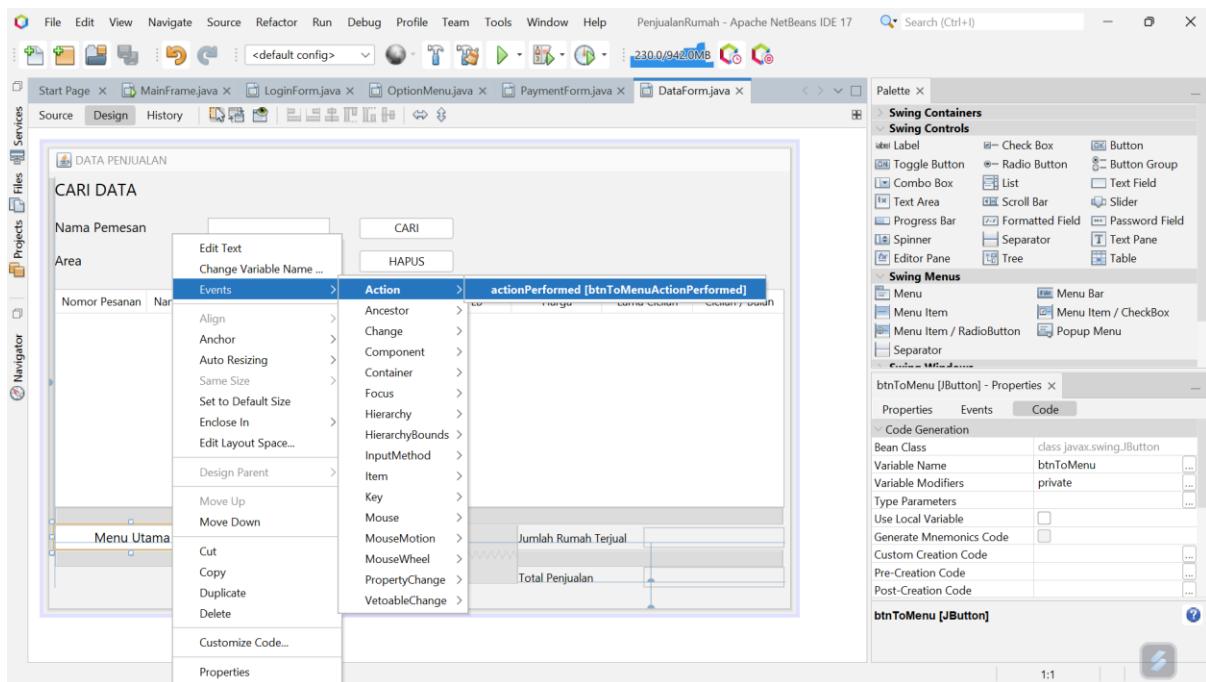
Klik kanan button hapus, pilih Events > Action > actionPerformed

```

private void deleteBtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    orderNameTxt.setText(t: "");
    areaTxt.setText(t: "");
    showTable(sql);
}

```

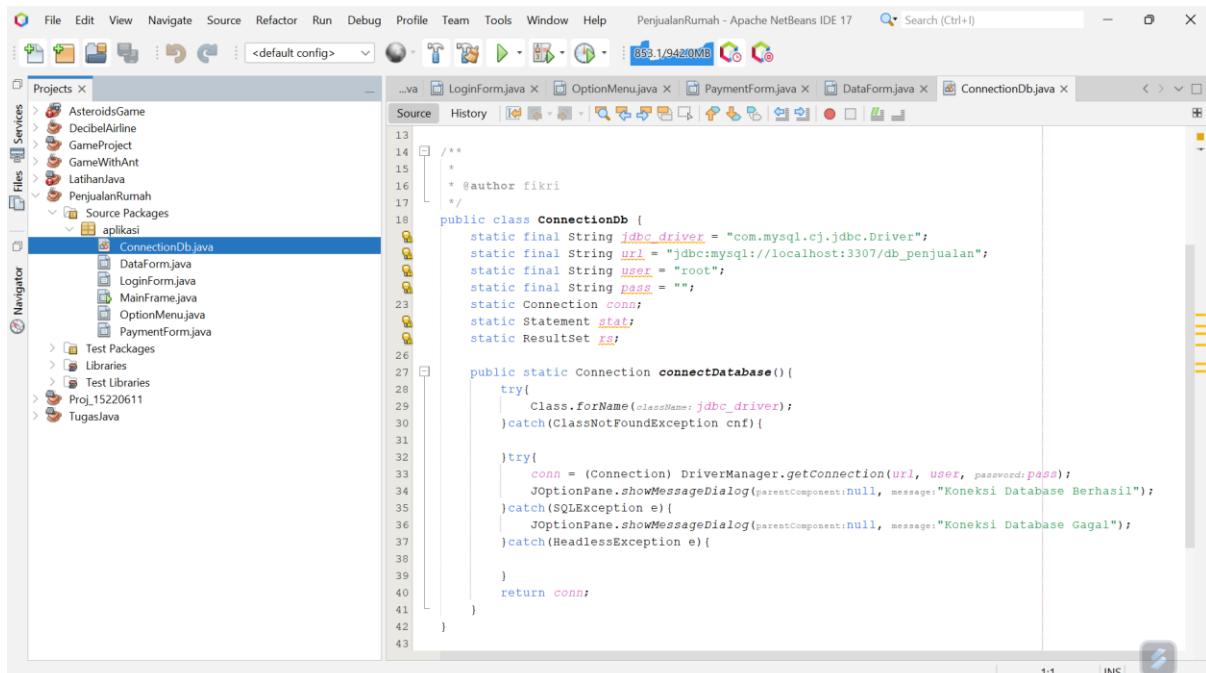
Ketik kode seperti diatas



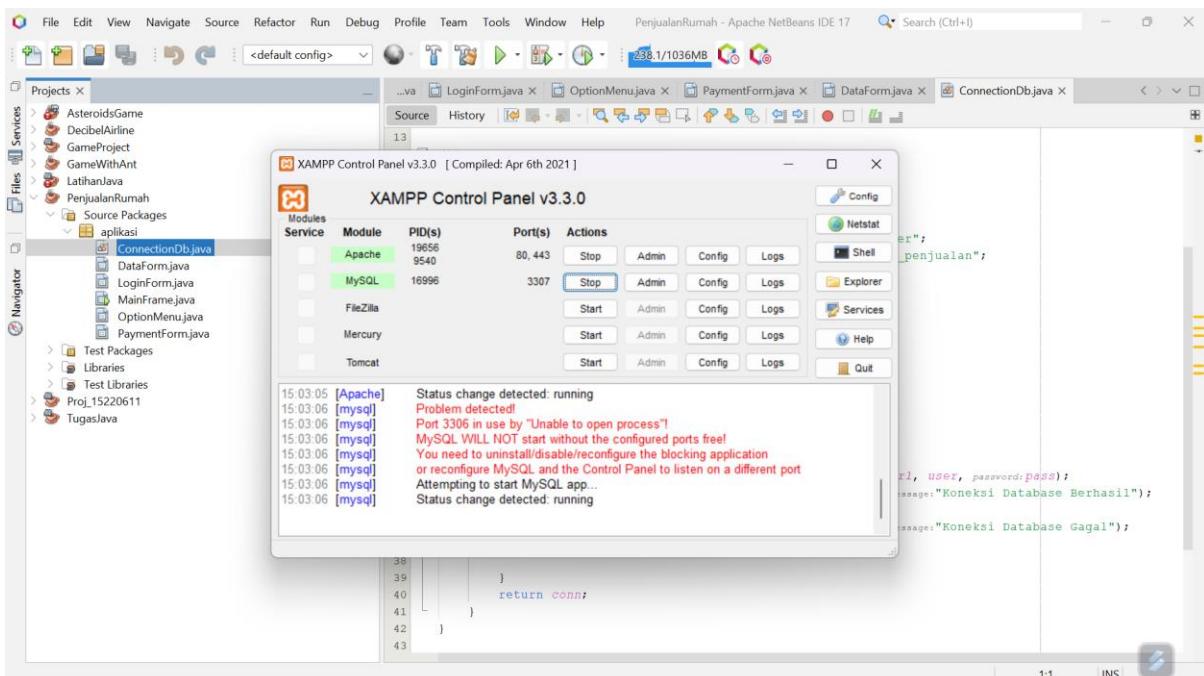
Klik button menu utama, pilih Events > Action > actionPerformed

```
private void btnToMenuItemActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    OptionMenu optionMenu = new OptionMenu();
    optionMenu.setVisible(aFlag: true);
    this.getDesktopPane().add(comp:optionMenu);
    this.dispose();
}
```

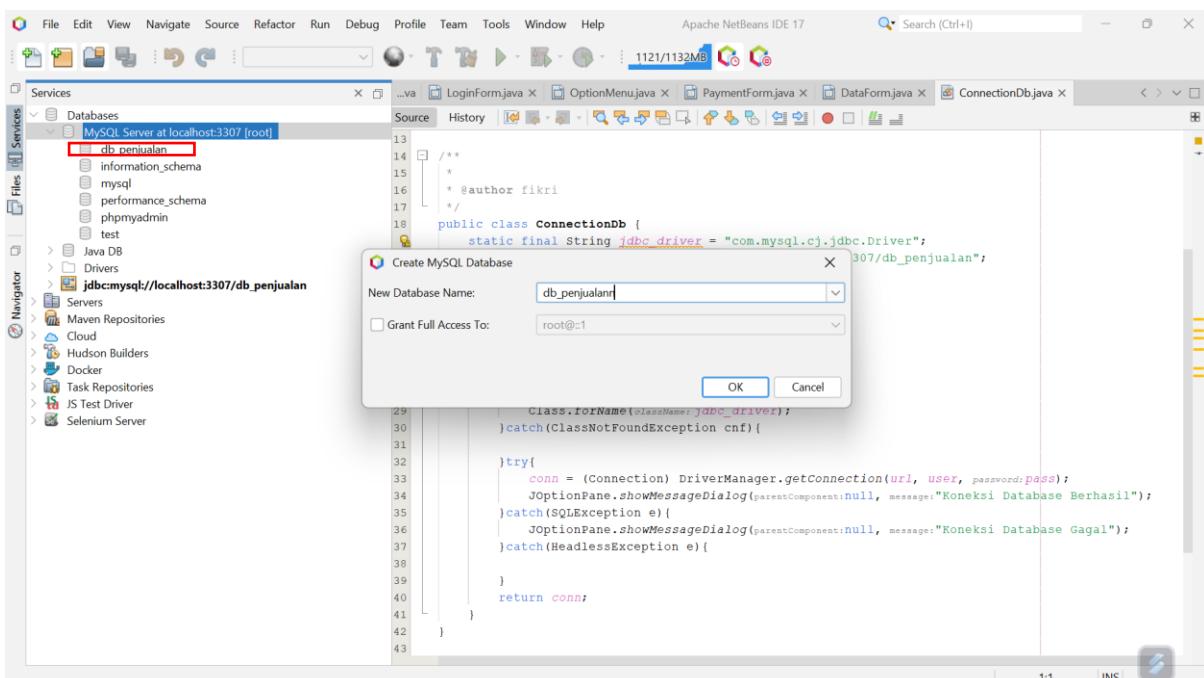
Ketik kode seperti diatas



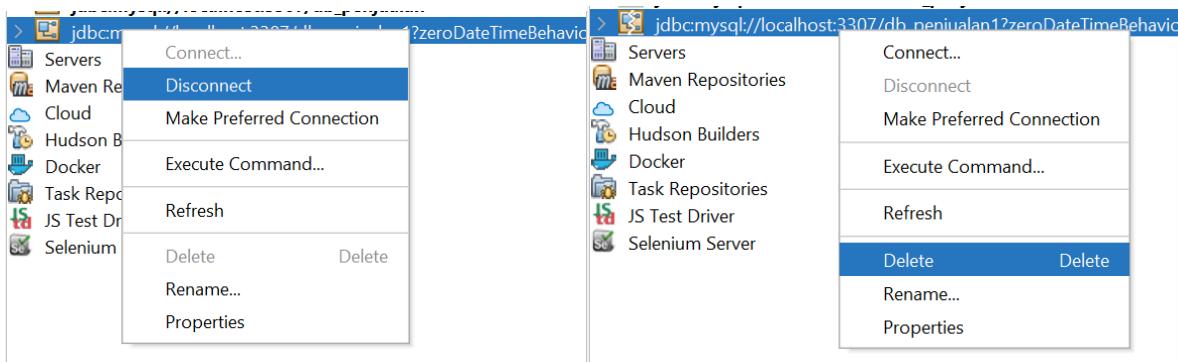
Selanjutnya buka class ConnectionDb dan ketik kode seperti diatas



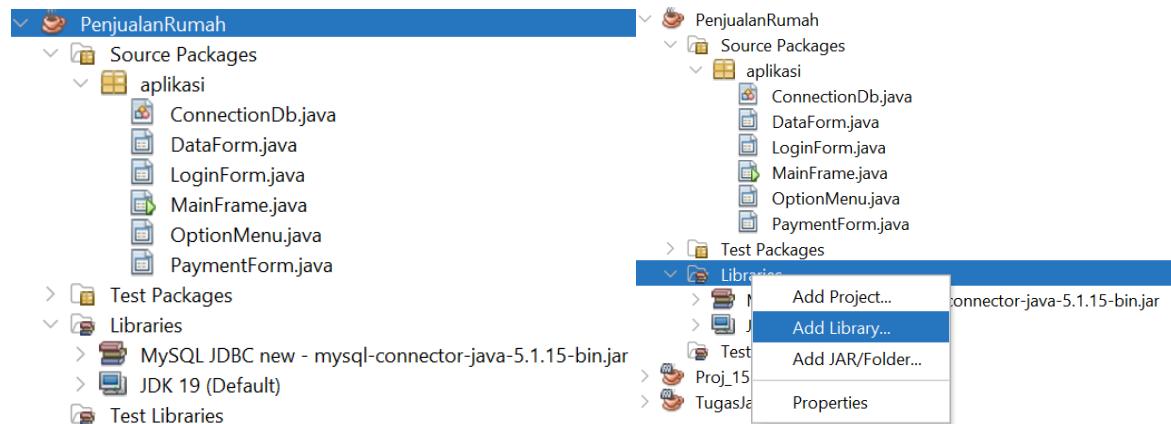
Buka aplikasi XAMPP, start Apache dan MySQL



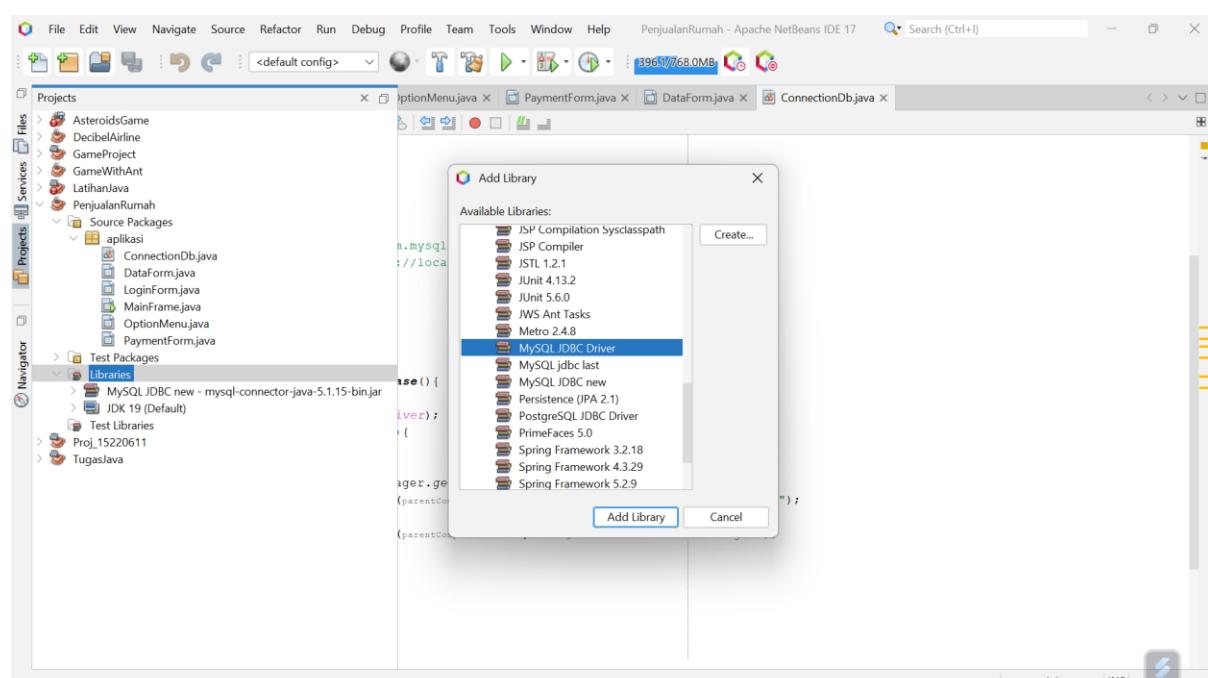
Buat database Penjualan di service (Window > Services), klik kanan pada MySQL Server lalu create database dan beri nama db_penjualan
Jika sudah, nama database akan muncul di bawahnya



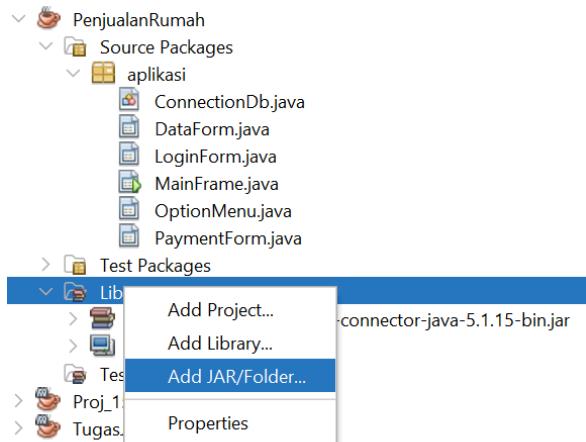
Klik kanan pada jdbc, disconnect lalu delete



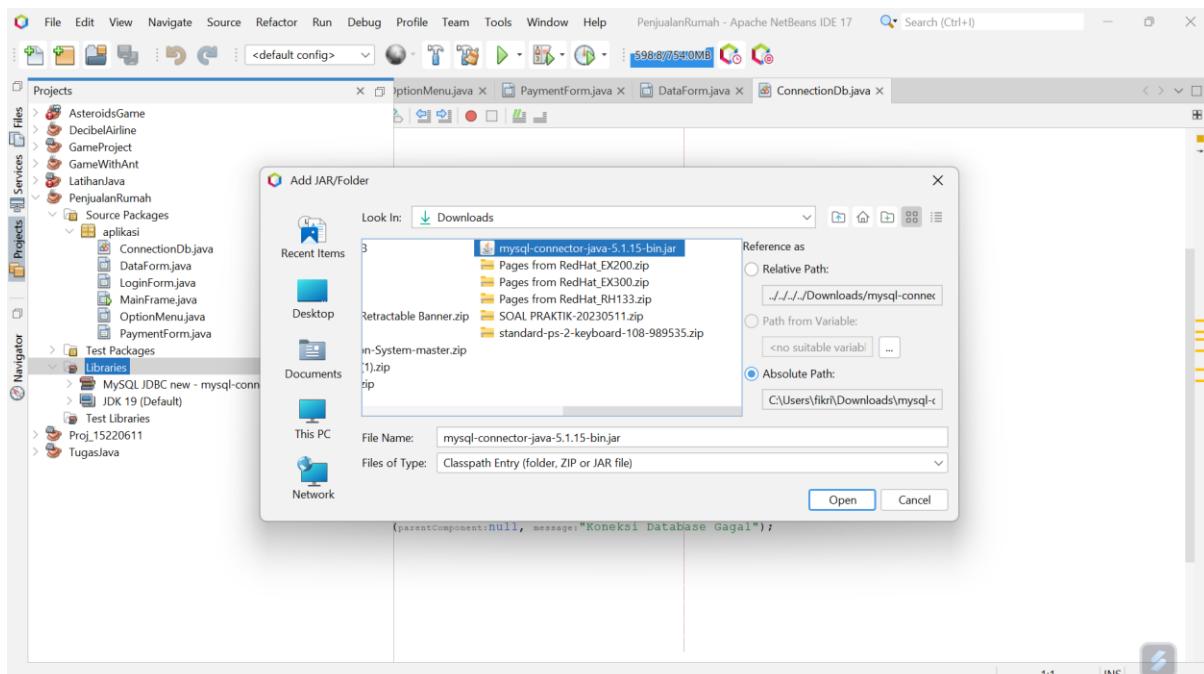
Masukkan Libraries MySQL JDBC, jika belum ada, klik kanan pada libraries, add library



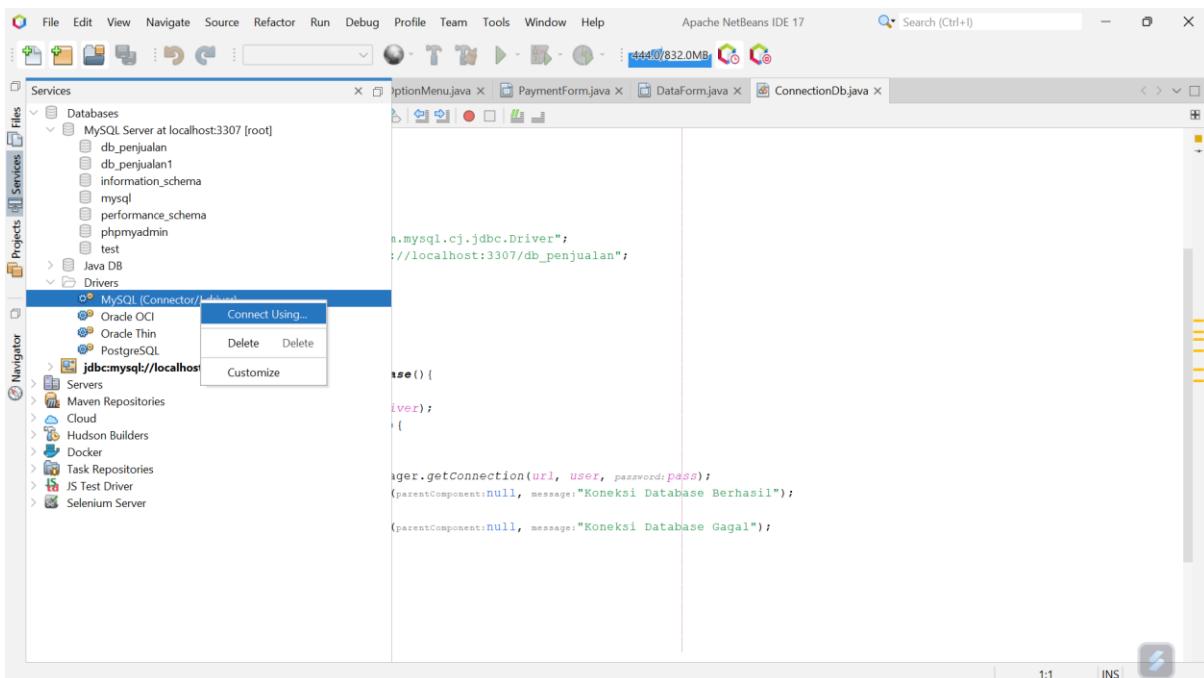
Pilih MySQL JDBC Driver lalu klik add library



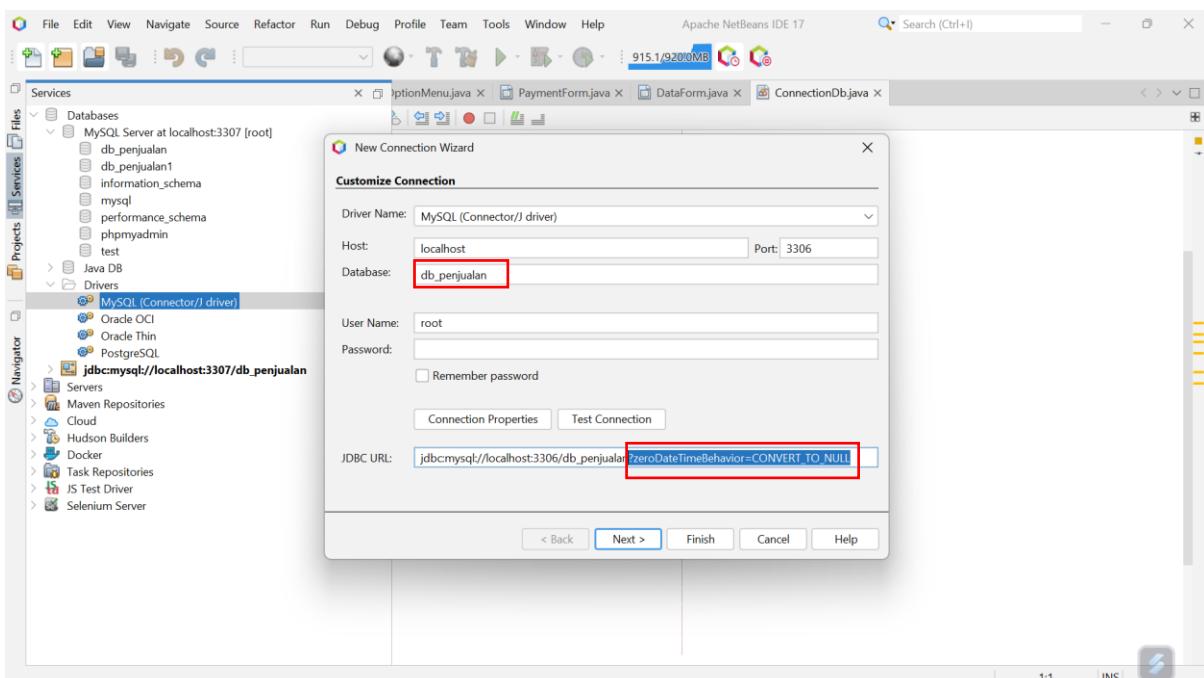
Jika tidak ada MySQL JDBC Driver pada Langkah sebelumnya,
klik kanan library lalu add JAR/Folder



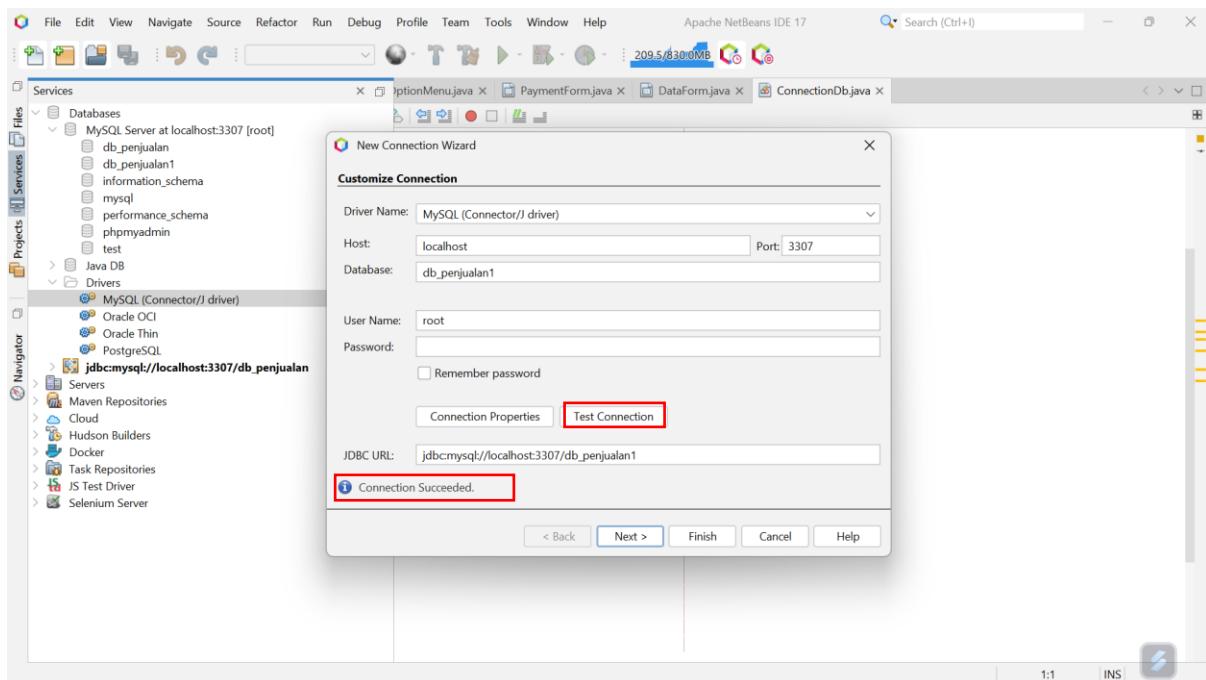
Cari file JAR lalu open, ulangi langkah add library



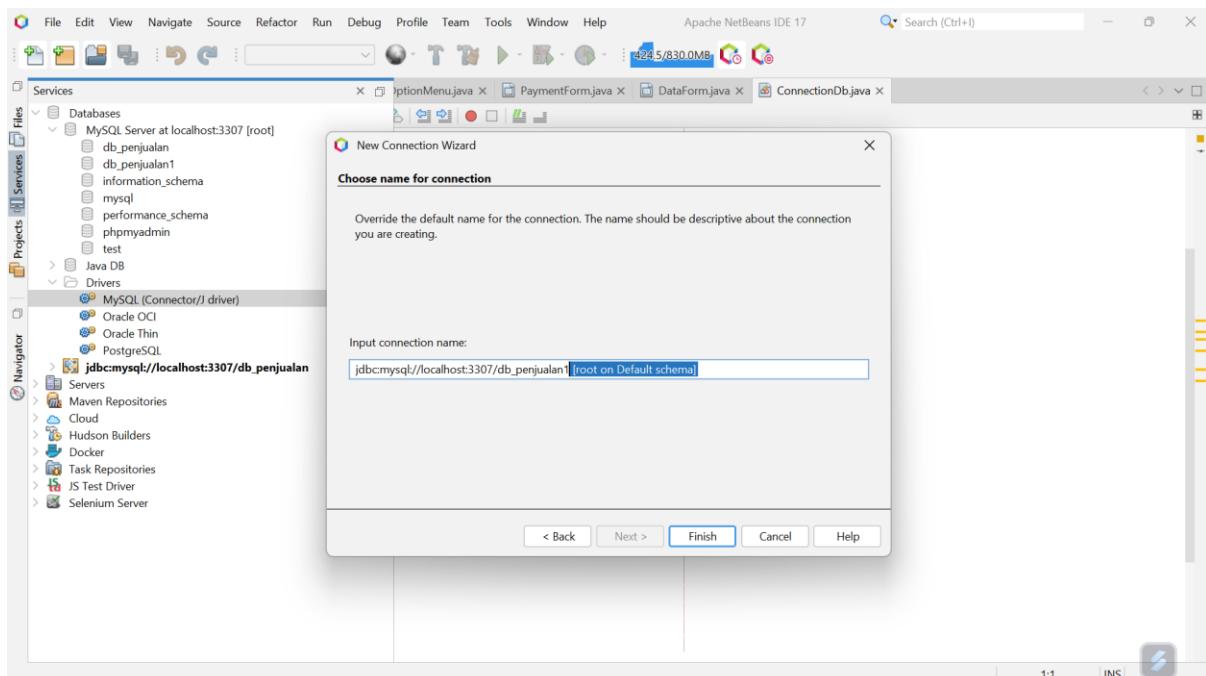
Kembali ke services, klik kanan MySQL jConnector, pilih connect using



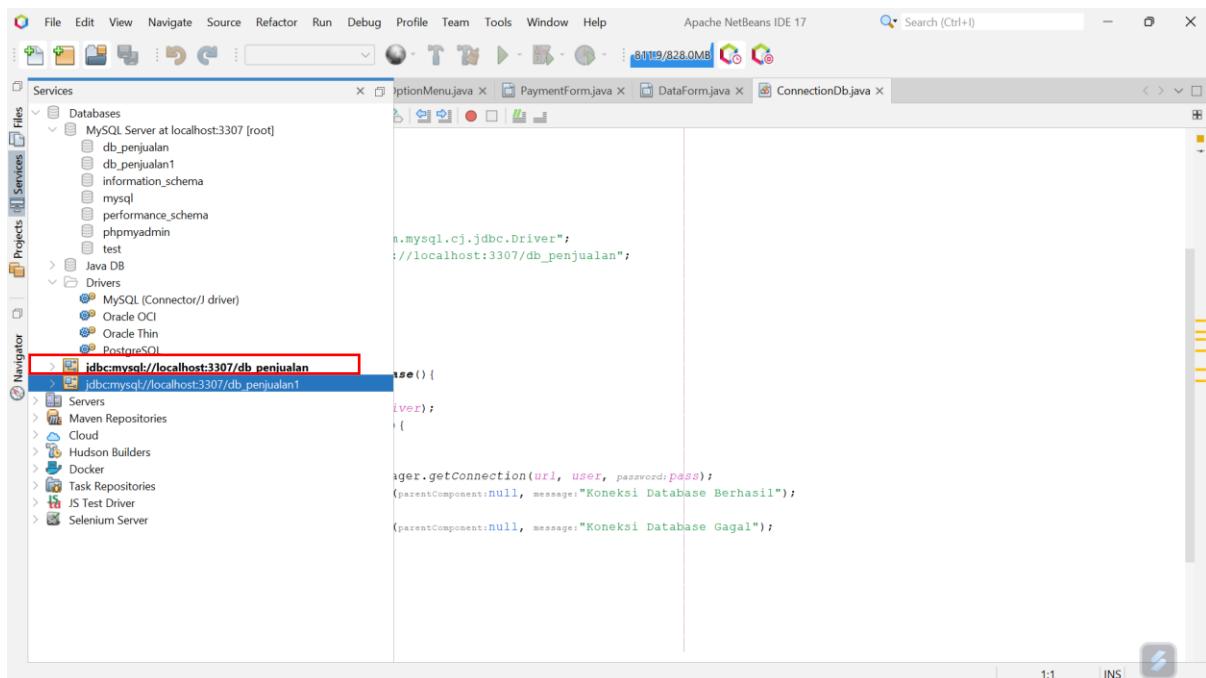
Masukkan nama database dan hapus sebagian url



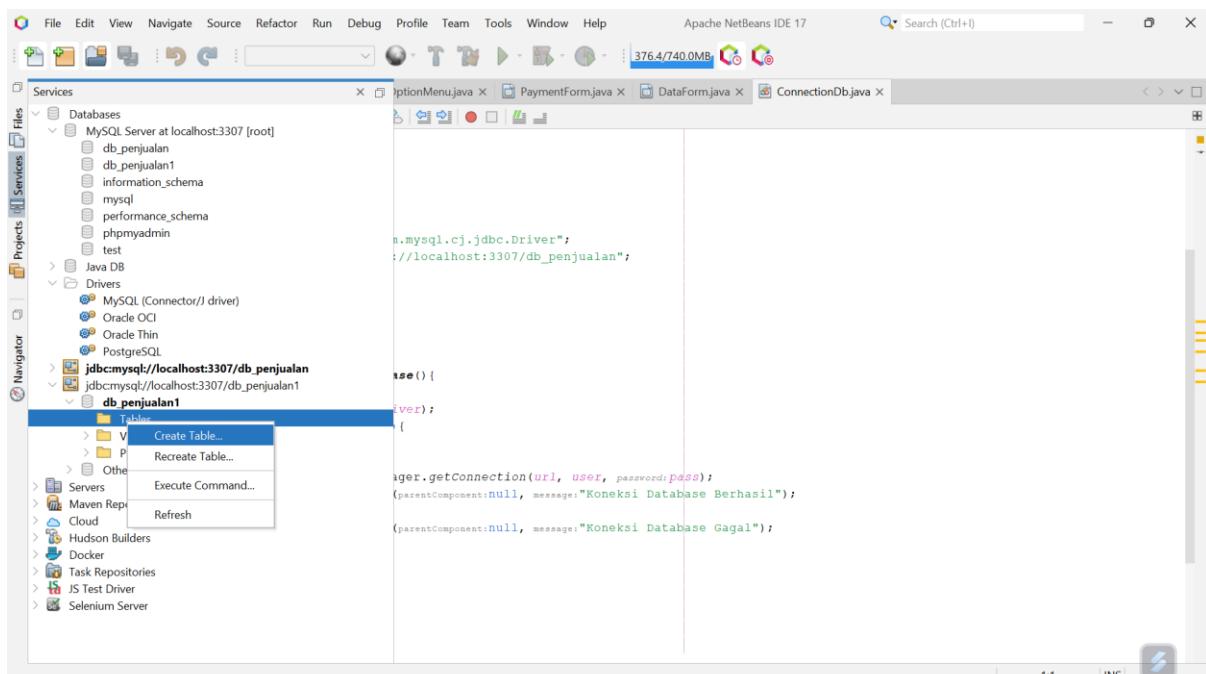
Jika sebagian url sudah dihapus berikutnya test connection, dan next
(Disini menggunakan db_penjualan1 untuk contoh karena sebelumnya db_penjualan sudah dipakai)



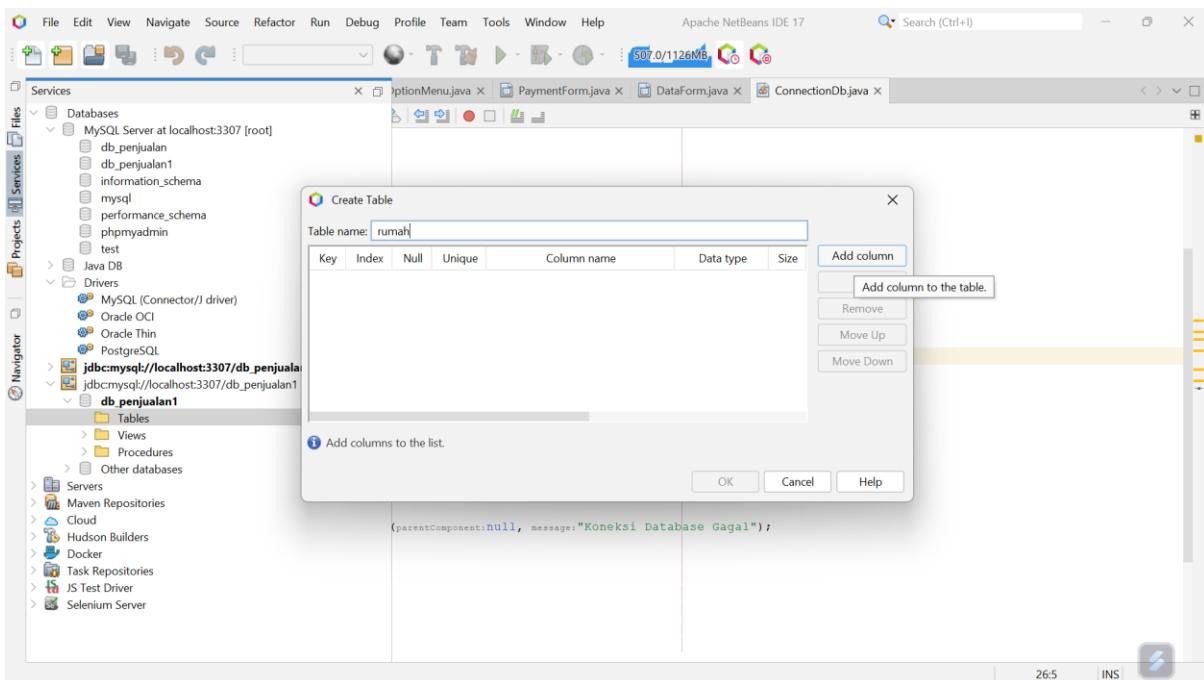
Next sampai tampilan seperti ini, dan hapus kembali sebagian url, lalu finish
(db_penjualan1 hanya contoh)



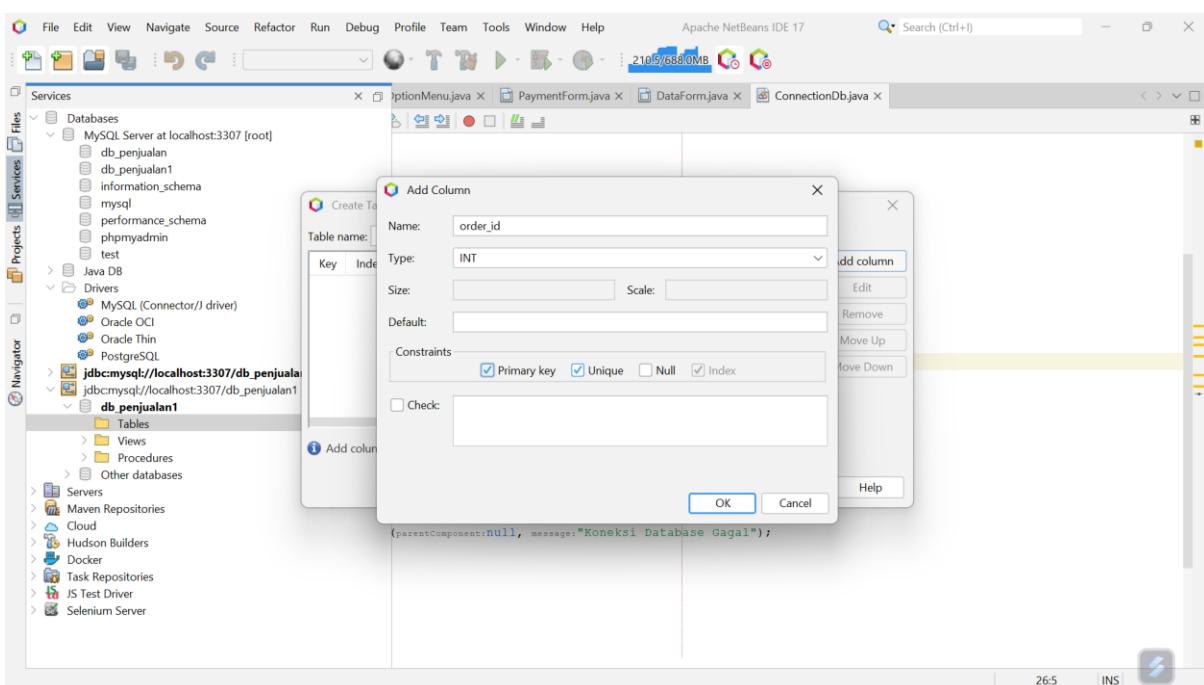
Akan tampil jdbc db_penjualan, disini untuk contoh akan menggunakan db_penjualan1 (terapkan ke db_penjualan)



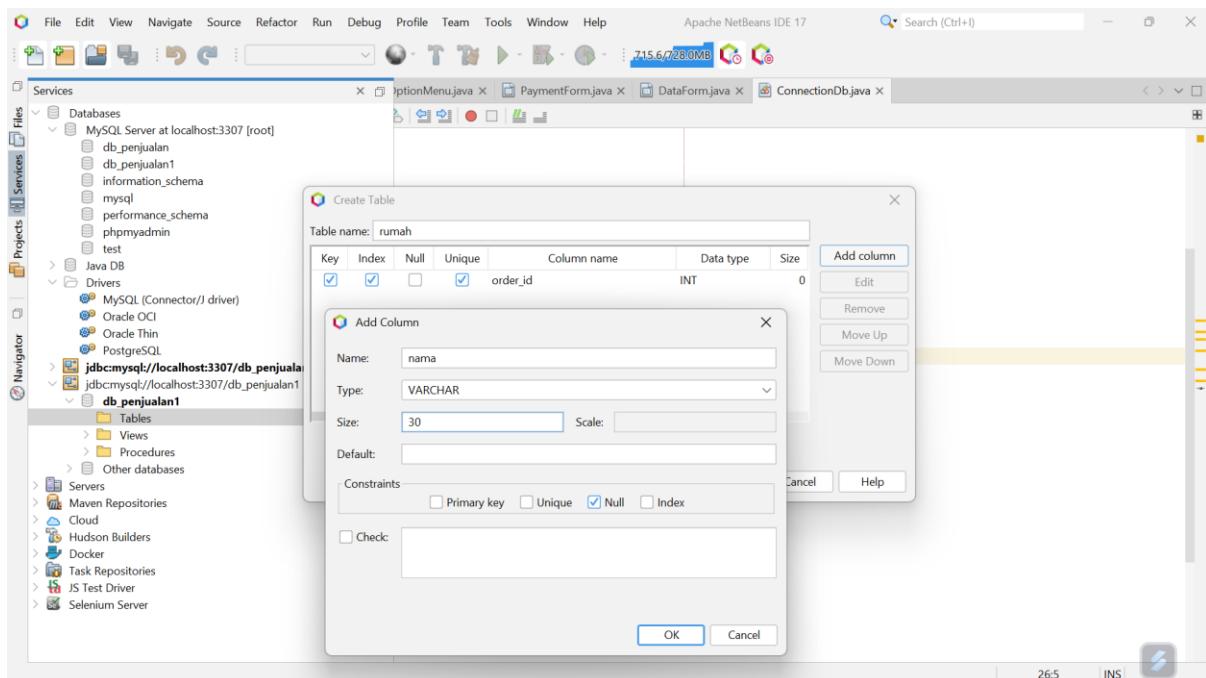
Klik panah di samping jdbc, klik kanan table lalu create table



Ubah nama table menjadi rumah lalu add column



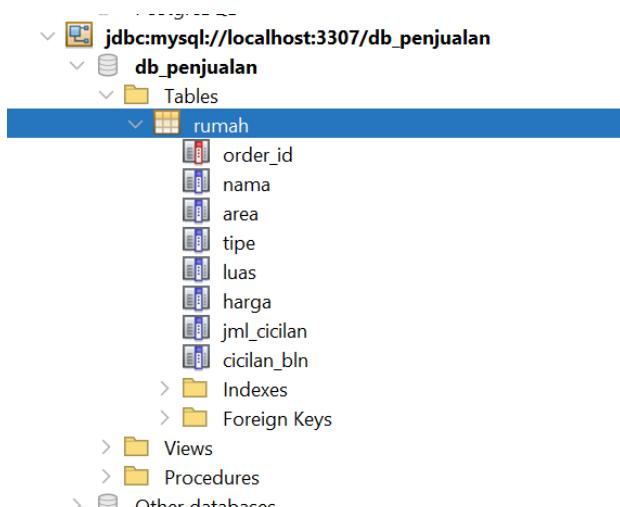
Masukkan nama dan tipe, khusus untuk order_id harus ceklis primary key



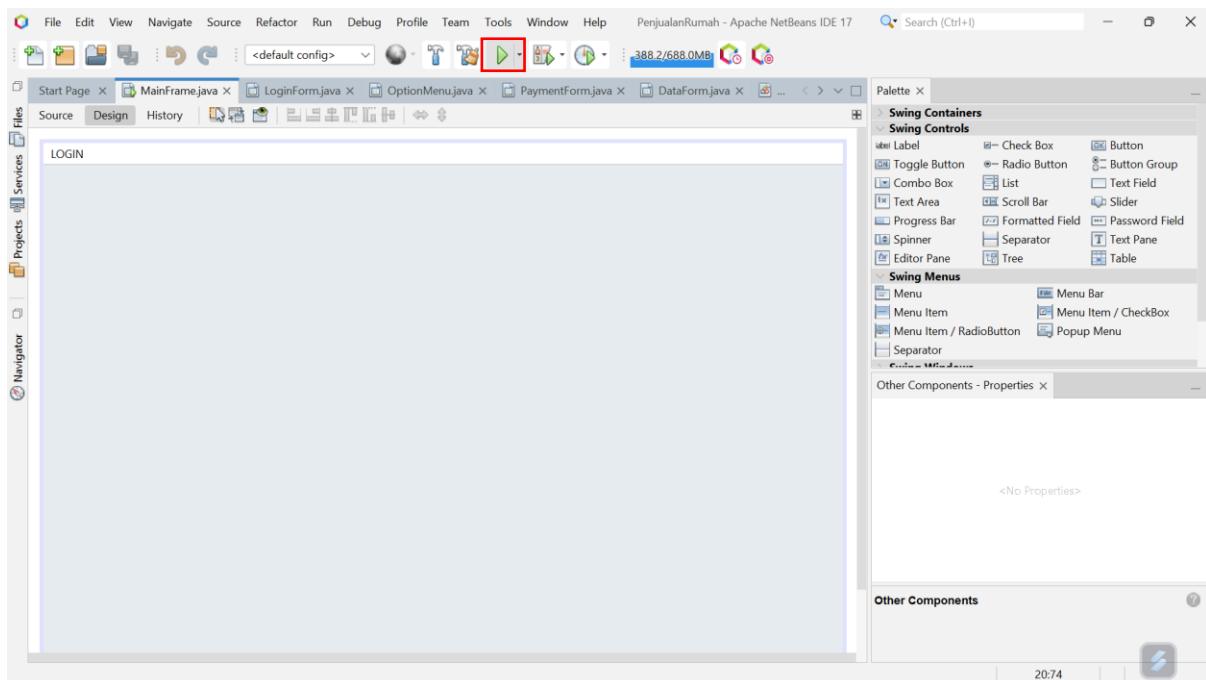
Kolom order_id sudah terbuat, berikutnya add column Kembali dan masukkan kolom nama
Masukkan nama, tipe dan size

| Name | Type | Size |
|-------------|---------|------|
| nama | VARCHAR | 30 |
| area | VARCHAR | 20 |
| tipe | VARCHAR | 10 |
| luas | VARCHAR | 20 |
| harga | VARCHAR | 20 |
| jml_cicilan | VARCHAR | 10 |
| cicilan_bln | VARCHAR | 10 |

Lanjutkan langkah sebelumnya, sesuaikan dengan table

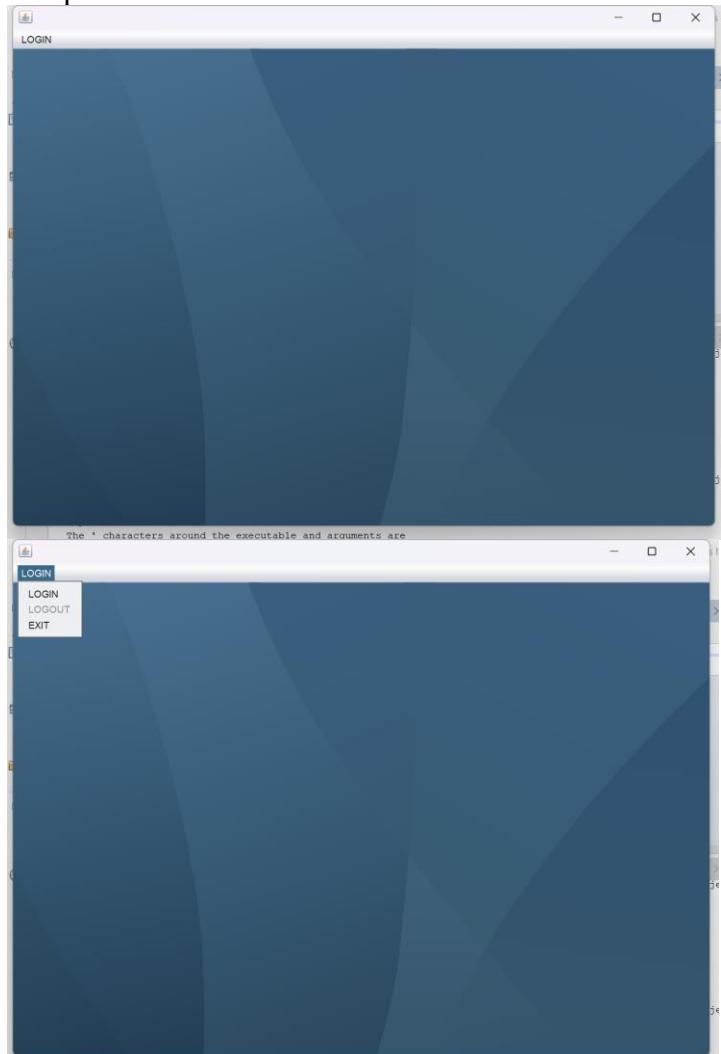


Data table dan kolom akan tampil di database db_penjualan

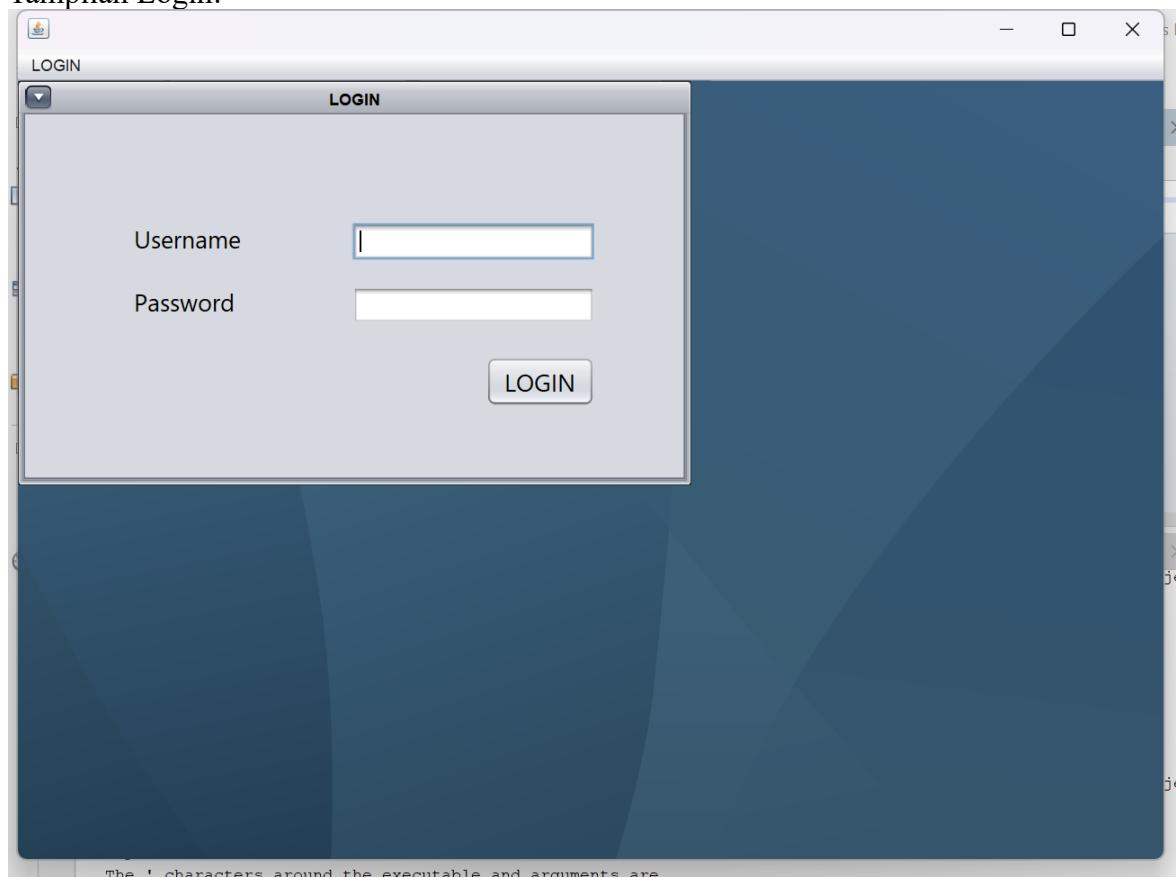


Ketika database sudah terbuat, run program dengan klik icon play diatas

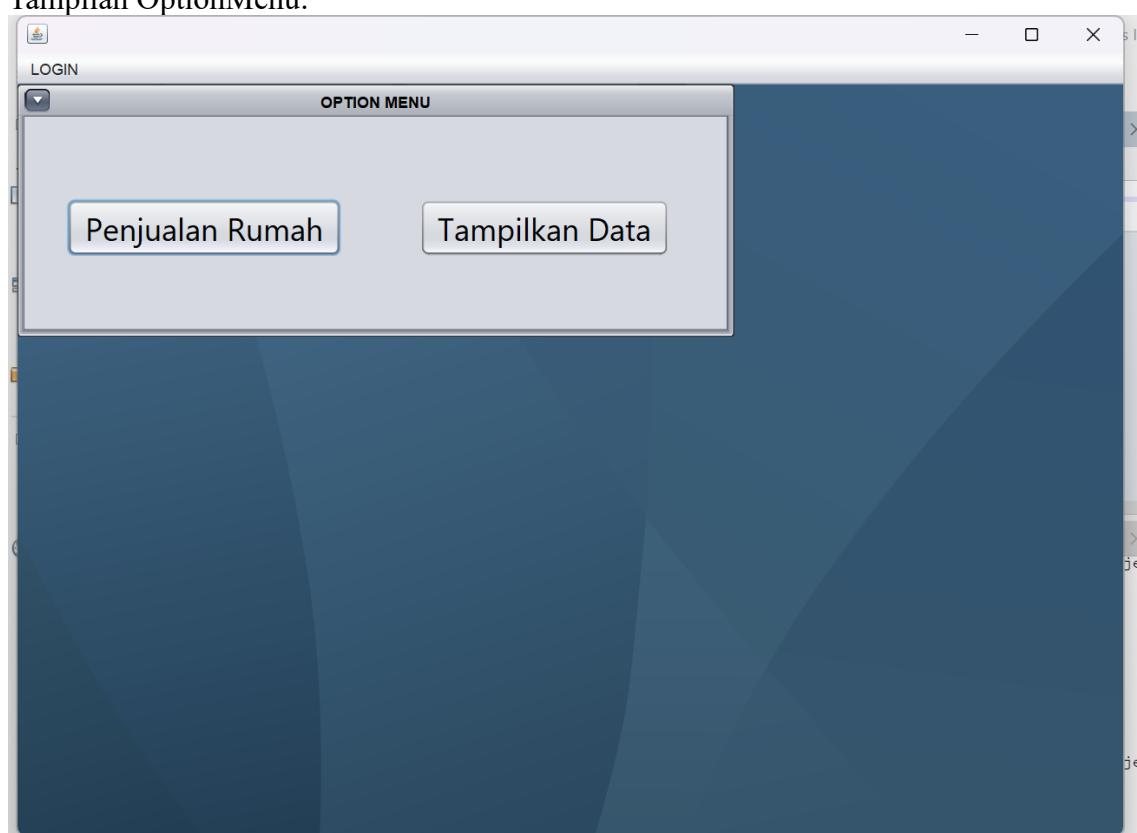
Tampilan MainFrame :



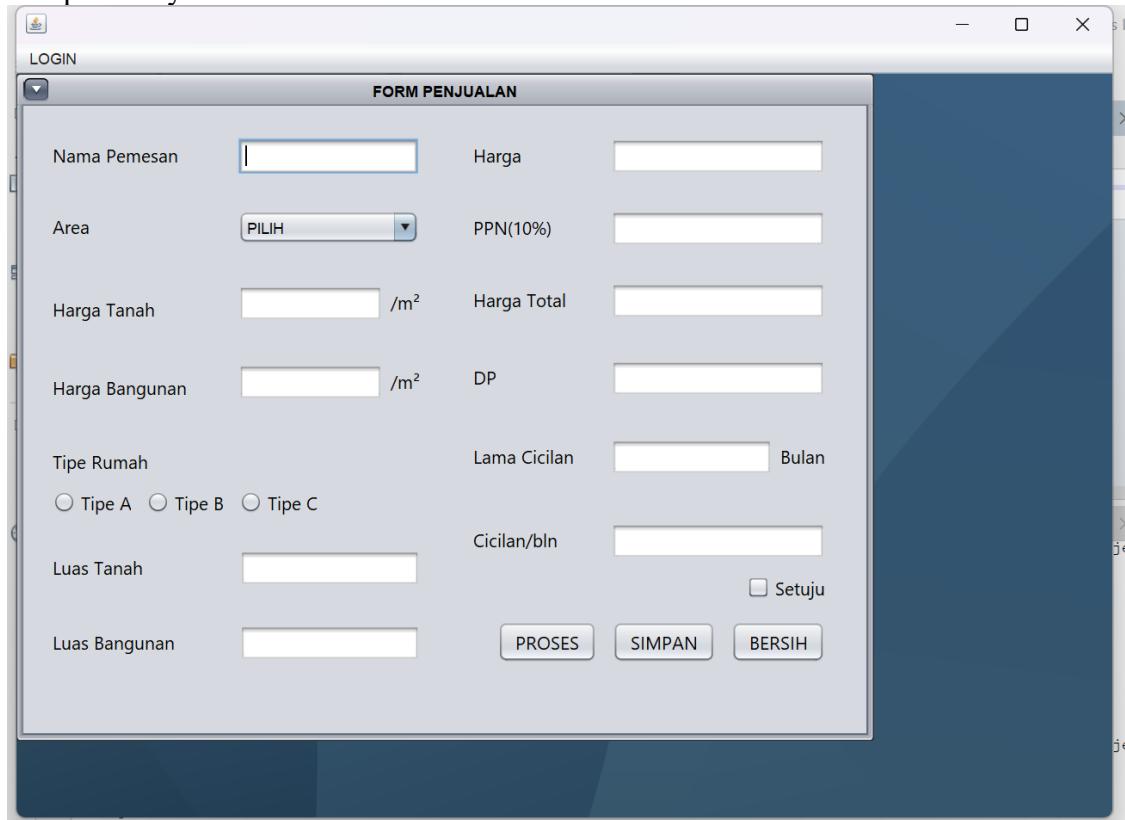
Tampilan Login:



Tampilan OptionMenu:



Tampilan PaymentForm:



Tampilan ShowData:

The screenshot shows a Windows application window titled "DATA PENJUALAN". It contains the following sections:

- Search Section:
 - CARI DATA: Text input field and CARI button.
 - Area: Text input field and HAPUS button.
- Data Table:

| Nomor Pesanan | Nama Pemesan | Area | Tipe Rumah | LT / LB | Harga | Lama Cicilan | Cicilan / Bulan |
|---------------|--------------|----------|------------|--------------------------------------|------------|--------------|-----------------|
| 1 | fik | SENOPATI | Tipe A | 300m ² /150m ² | 1402500000 | 12 | 75208333 |
| 2 | ari | SENOPATI | Tipe A | 300m ² /150m ² | 1402500000 | 240 | 4385416 |
- Summary Statistics:
 - Menu Utama
 - Jumlah Rumah Terjual: Text input field containing "2".
 - Total Penjualan: Text input field containing "2805000000".

Contoh tampilan jika database sudah terisi / sudah mengisi form

Tampilan Exit:

