

GUI Form

The screenshot shows a Java Swing window titled "Form Data Barang". Inside the window, there is a section titled "Data Barang" containing several input fields and a table.

Form Fields:

- Kode Barang: 00001
- Nama Barang: Durian
- Satuan: Buah (dropdown menu)
- Harga: 500.0
- Stok: 10
- Stok Minimal: 10

Data Table:

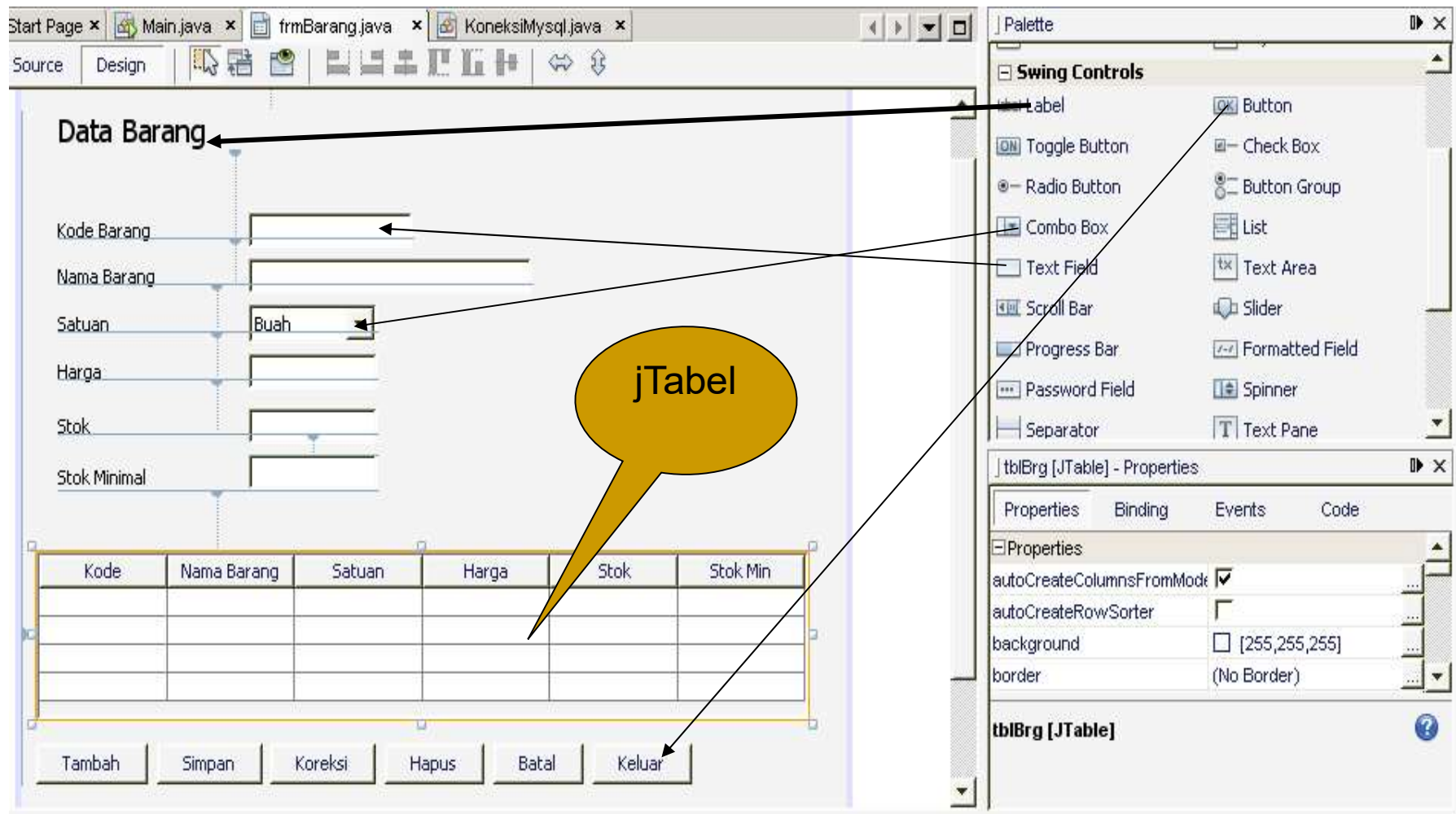
Kode	Nama Barang	Satuan	Harga	Stok	Stok Min
00001	Durian	Buah	500.0	10	10
4444	sirsat	Box	30000.0	10	5
00003	pensil	Lusin	10000.0	10	5
122	212	Box	100.0	5	5
000004	maialah bobo	Buah	2000.0	100	10

Buttons: Tambah, Simpan, Koreksi, Hapus, Batal, Keluar

TIK :

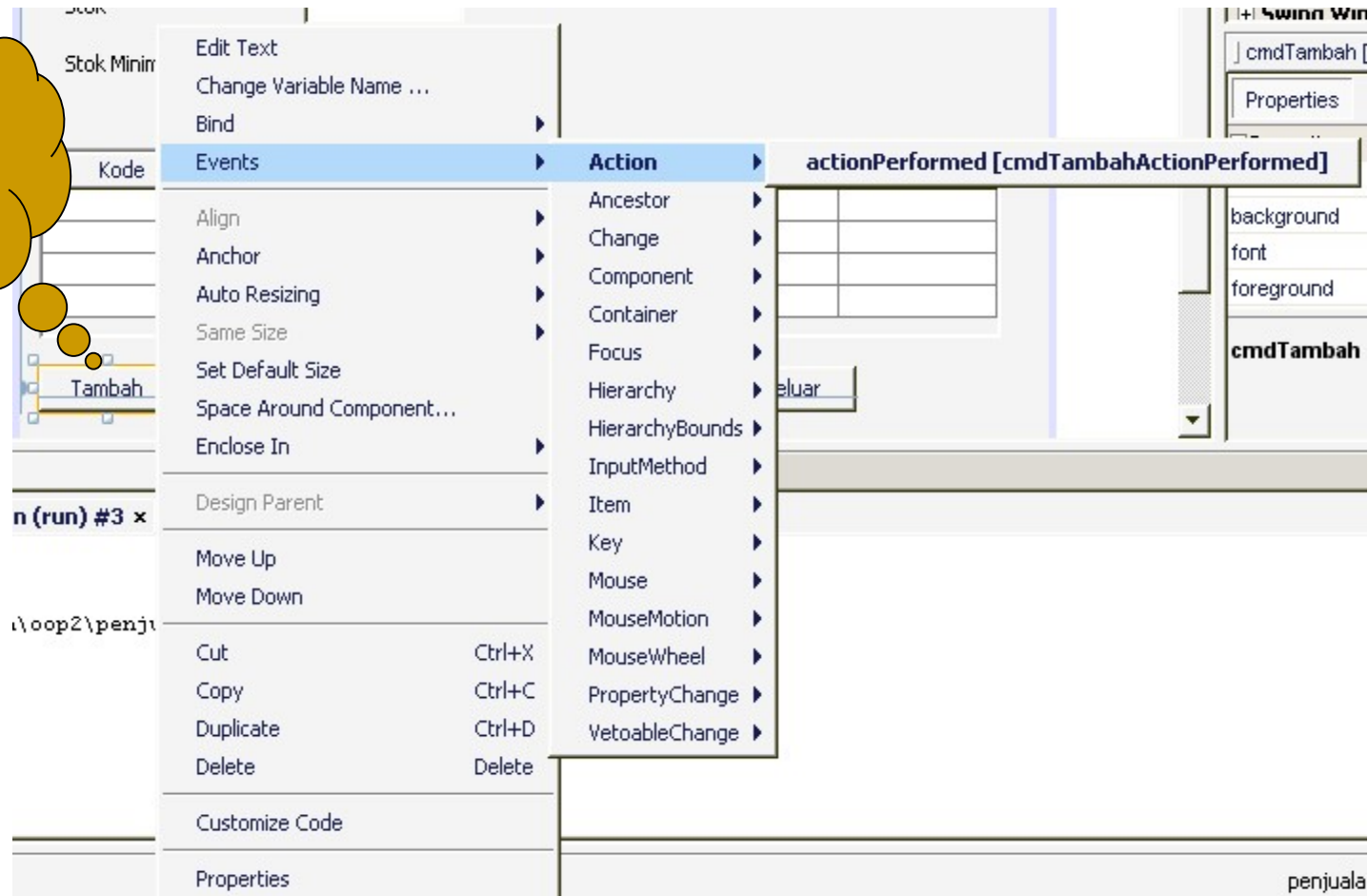
Mahasiswa mampu membuat form dengan GUI dan manipulasi data dengan NetBean dan Mysql

Object

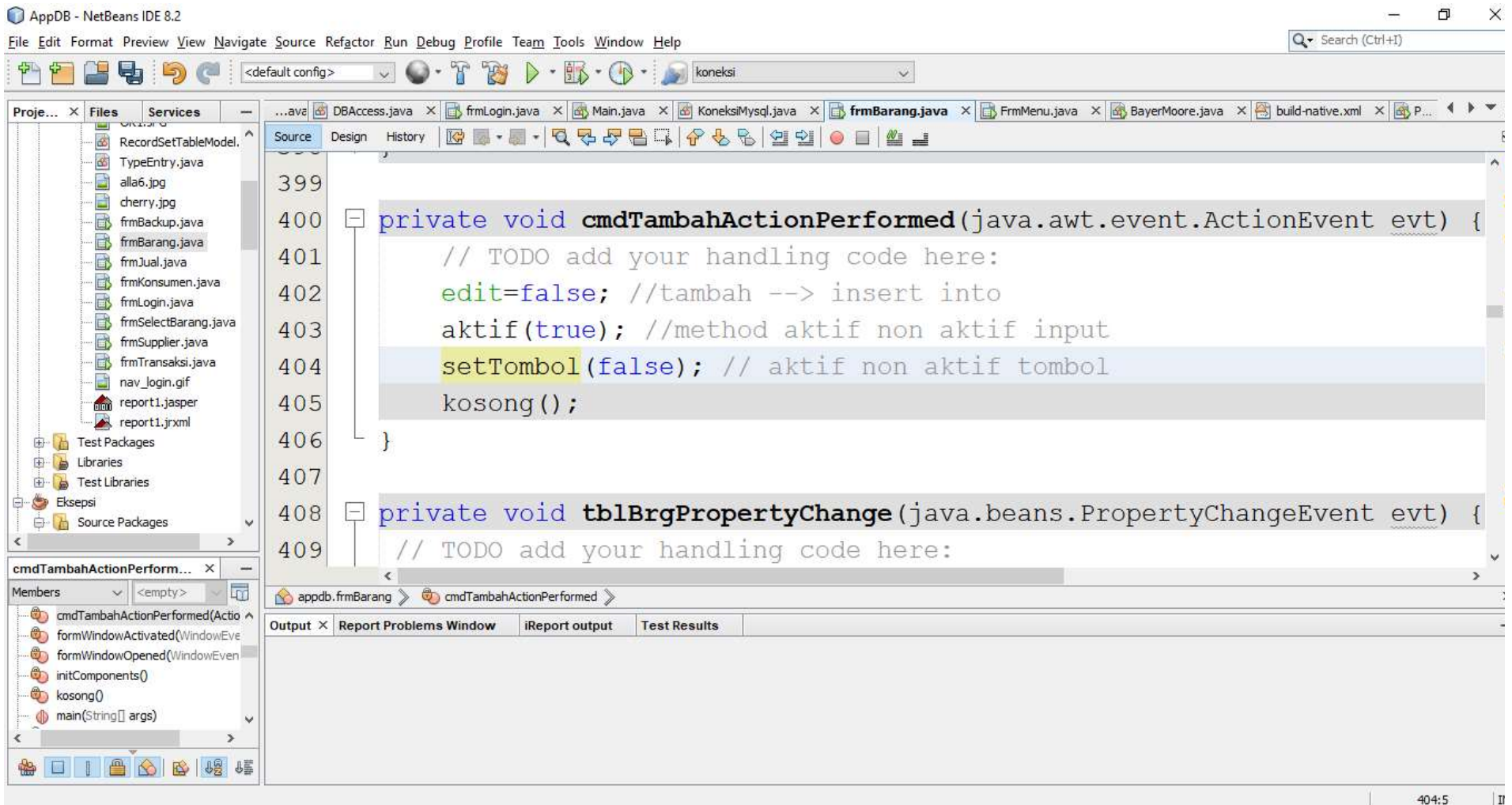


Menambahkan Event

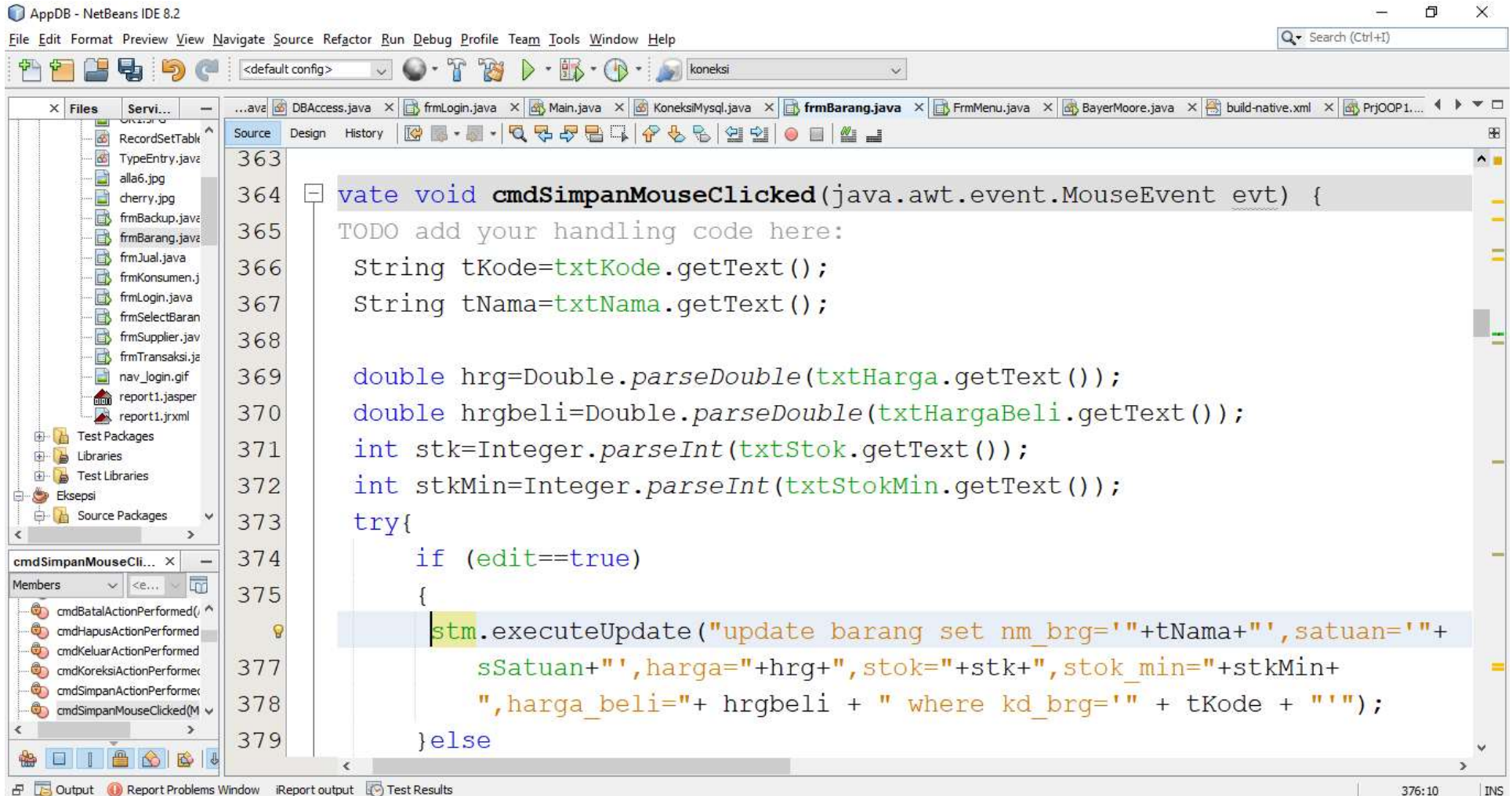
Klik kanan pd obyek



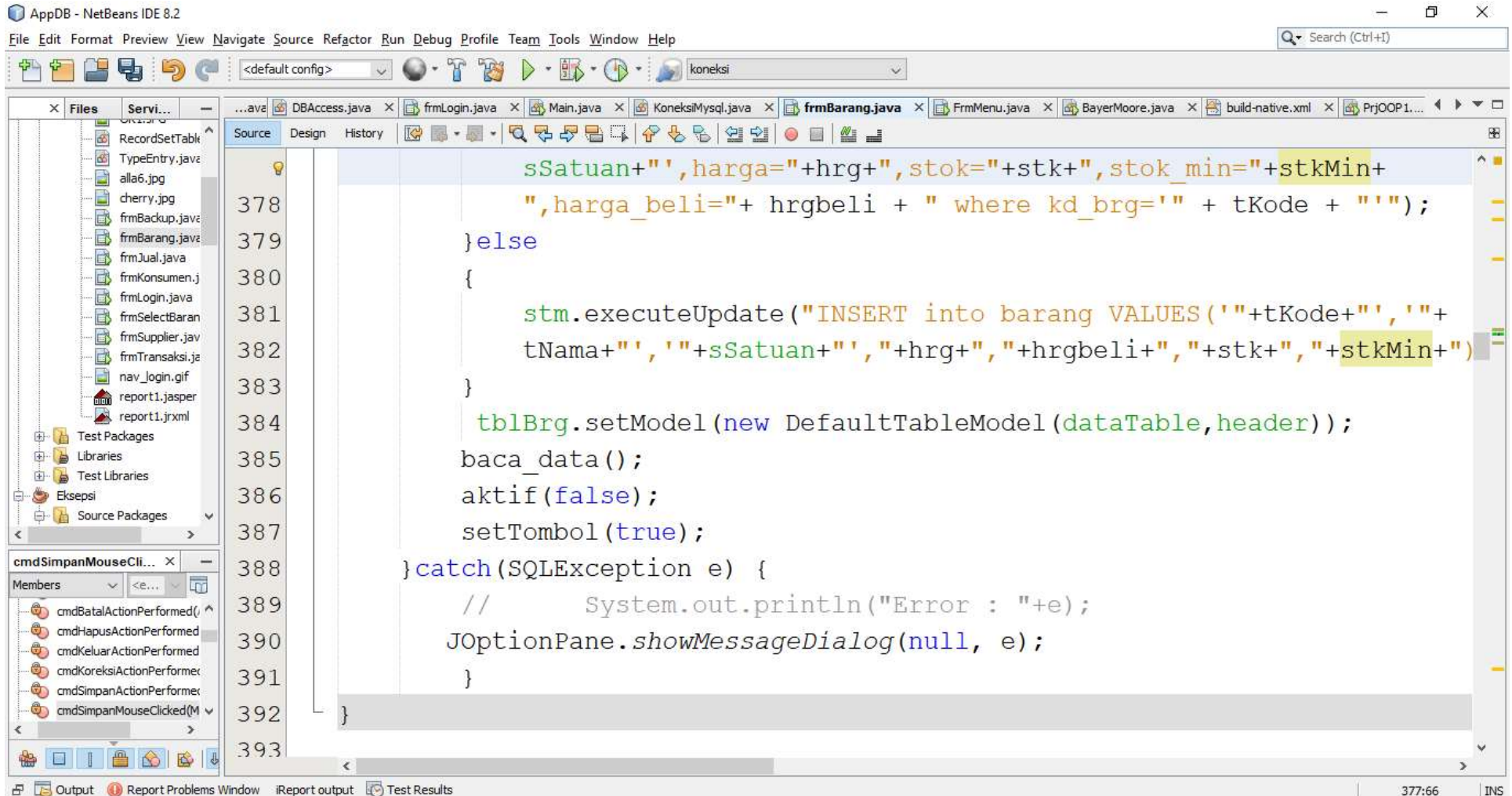
Code Tambah



Code Simpan, Update



Code Simpan, Insert

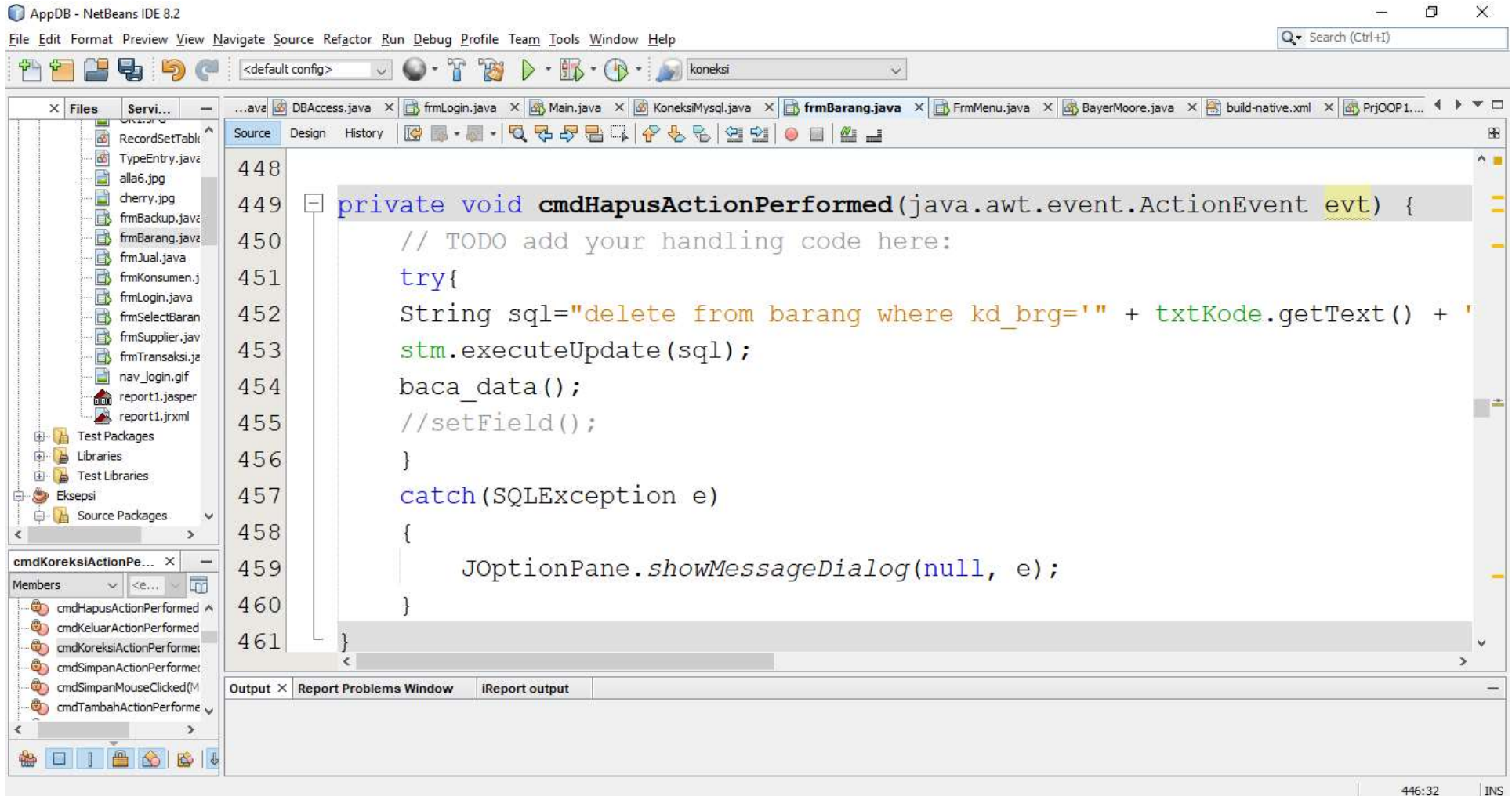


The screenshot shows the NetBeans IDE 8.2 interface. The main editor window displays the source code for `frmBarang.java`. The code is as follows:

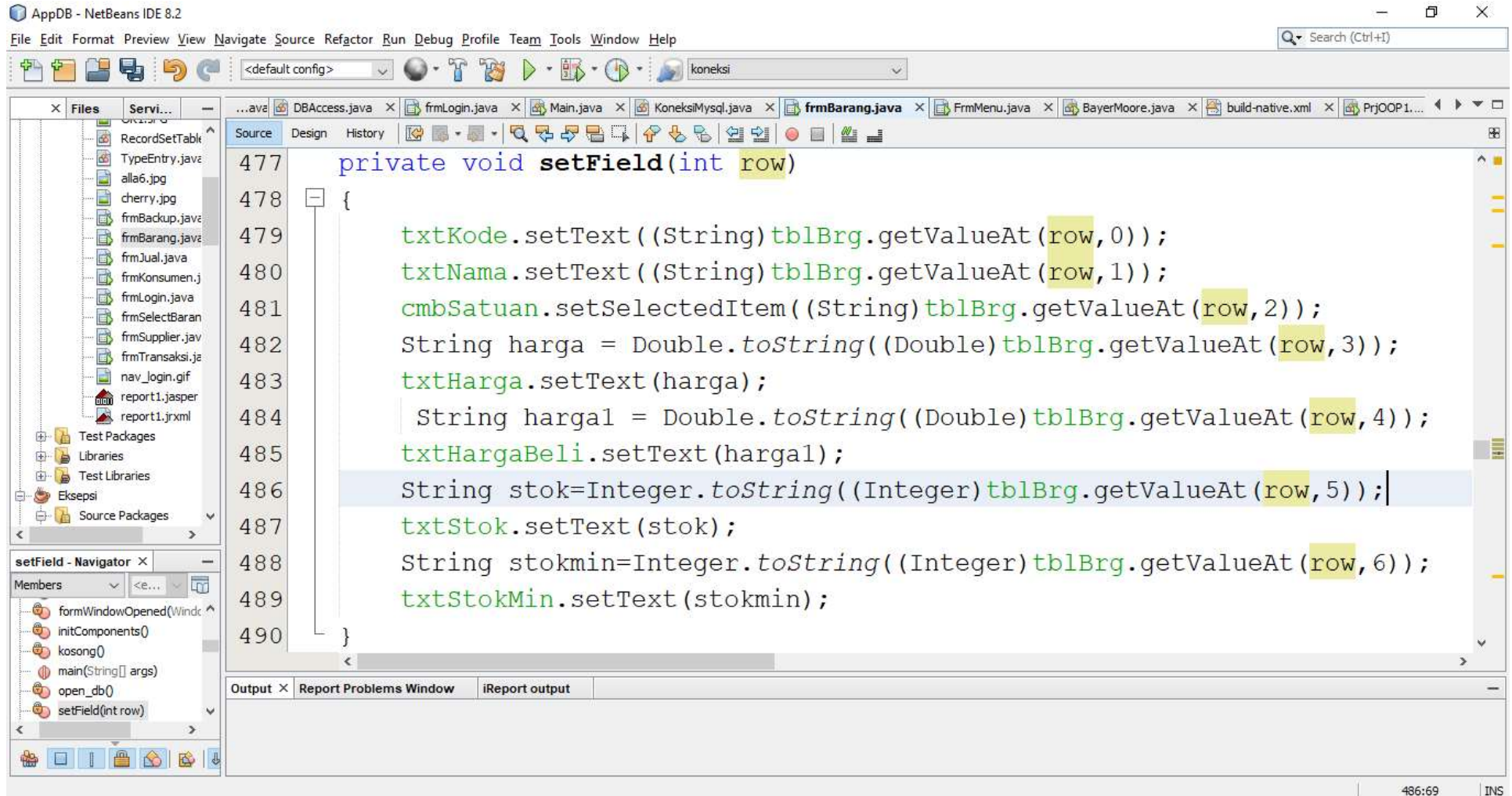
```
378 sSatuan+"', harga="+hrg+", stok="+stk+", stok_min="+stkMin+
379 ", harga_beli="+ hrgbeli + " where kd_brg='" + tKode + "'");
380 }else
381 {
382     stm.executeUpdate("INSERT into barang VALUES('"+tKode+"','"+
383     tNama+"','"+sSatuan+"','"+hrg+"','"+hrgbeli+"','"+stk+"','"+stkMin+"")
384     tblBrg.setModel(new DefaultTableModel(dataTable,header));
385     baca_data();
386     aktif(false);
387     setTombol(true);
388 }catch(SQLException e) {
389     //      System.out.println("Error : "+e);
390     JOptionPane.showMessageDialog(null, e);
391 }
392
393
```

The left sidebar shows the project structure with files like `RecordSetTabk`, `TypeEntry.java`, `alla6.jpg`, `cherry.jpg`, `frmBackup.java`, `frmBarang.java`, `frmJual.java`, `frmKonsumen.j`, `frmLogin.java`, `frmSelectBaran`, `frmSupplier.jav`, `frmTransaksi.ja`, `nav_login.gif`, `report1.jasper`, and `report1.jrxml`. The bottom status bar indicates the current line is 377:66 and the cursor is in the Insert mode.

Code Hapus



Method Ambil Data



Method Baca Data

```
private void baca_data()
{ try{
    stm = Con.createStatement();
    RsBrg = stm.executeQuery("select * from barang order by kd_brg");
    ResultSetMetaData meta = RsBrg.getMetaData();
    int col = meta.getColumnCount();
    int baris = 0;
    while(RsBrg.next()) {
        baris = RsBrg.getRow();
    }
    dataTable = new Object[baris][col];
    int x = 0;
    RsBrg.beforeFirst();
    while(RsBrg.next()) {
        dataTable[x][0] = RsBrg.getString("kd_brg");
        dataTable[x][1] = RsBrg.getString("nm_brg");
        dataTable[x][2] = RsBrg.getString("satuan");
        dataTable[x][3] = RsBrg.getDouble("harga");
        dataTable[x][4] = RsBrg.getDouble("harga_beli");
        dataTable[x][5] = RsBrg.getInt("stok");
        dataTable[x][6] = RsBrg.getInt("stok_min");
        x++;
    }
    tblBrg.setModel(new DefaultTableModel(dataTable,header));
}
catch(SQLException e)
{
    JOptionPane.showMessageDialog(null, e);
}
}
```

