Mata Kuliah : PBO – TI – S1
Pertemuan : 13
NIM : A11.2022.14532
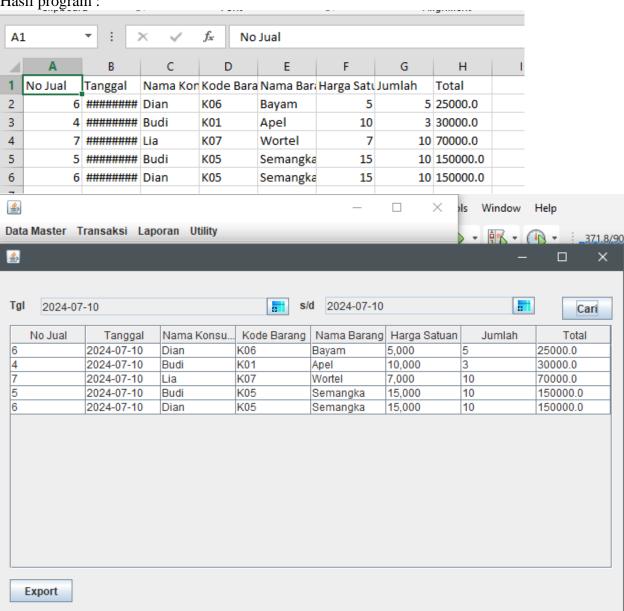Nama : Najma Aura Dias Prameswari

1. Tugas 1 : membuat laporan konsumen dan laporan penjualan dengan iReport
   Hasil program :

kd_barang	nm_barang	satuan	harga_jual	harga_beli	stok	stok_min
K10	Tomat	Sayur	9000.0	6500.0	35	7
K09	Buncis	Sayur	6500.0	4000.0	60	12
K08	Kubis	Sayur	8000.0	6000.0	40	8
K07	Wortel	Sayur	7000.0	4500.0	40	10
K06	Bayam	Sayur	5000.0	3000.0	65	14
K05	Semangka	Buah	15000.0	10000.0	0	4
K04	Mangga	Buah	12000.0	8000.0	30	6
K03	Pisang	Buah	6000.0	4000.0	60	12
K02	Jeruk	Buah	8000.0	5000.0	40	8
K01	Apel	Buah	10000.0	7000.0	47	10

2. Tugas 2 : membuat form laporan penjualan, untuk di export ke excel

Hasil program :

Code program :

```java
package pjppenjualan;
import java.io.File;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Calendar;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```

```java
public class LapPenjualan extends javax.swing.JFrame {
    Connection Con;
    ResultSet RsJual;
    Statement stm;
    String tgl1,tgl2;
    private Object[][] dataTable = null;
    private String[] header = {"No Jual","Tanggal","Nama Konsumen","Kode Barang","Nama Barang","Harga Satuan","Jumlah","Total"};
    DefaultTableModel tableModel = new DefaultTableModel(
      new Object [][] {},header);
    /**
     * Creates new form LapPenjualan
     */
    public LapPenjualan() {
        initComponents();
        java.text.SimpleDateFormat sdf = new java.text.SimpleDateFormat("yyyy-MM-dd");
        dtAwal.setDateFormat(sdf);
        dtAkhir.setDateFormat(sdf);
        open_db();
    }

    private void open_db()
    {
        try{
//          KoneksiMysql kon= new KoneksiMysql("penjualan");
            KoneksiMysql kon = new KoneksiMysql ("localhost","root","","penjualan");
            Con = kon.getConnection();
            //System.out.println("Berhasil ");
        }catch (Exception e) {
            System.out.println("Error : "+e);
            }
    }

    private void format_tanggal()
    {
    String DATE_FORMAT = "yyyy-MM-dd";
//String DATE_FORMAT = "dd-MM-yyyy"; //Refer Java DOCS for formats
    java.text.SimpleDateFormat sdf = new java.text.SimpleDateFormat(DATE_FORMAT);
    Calendar cl = Calendar.getInstance();
    int year=cl.get(Calendar.YEAR);
    int month=cl.get(Calendar.MONTH)+1;
    int day=cl.get(Calendar.DAY_OF_MONTH);
    //tgl1=sdf.format(txtTgl.getValue());
    tgl1=dtAwal.getText();
    tgl2=dtAkhir.getText();
    //tgl2=Integer.toString(year)+"-"+Integer.toString(month)+"-"+Integer.toString(day);
    System.out.println("Tanggal  : " + tgl1);
    System.out.println("Tanggal2 : " + tgl2);

    }
```

```java
private void baca_data()
{
try{
    tgl1=dtAwal.getText();
    tgl2=dtAkhir.getText();
        stm = Con.createStatement();
        RsJual = stm.executeQuery("select * from v_penjualan where date(tgl_jual)>=" +
     "date('"+ tgl1+"') and  date(tgl_jual)<=" + "date('"+ tgl2+"') order by tgl_jual desc");

        ResultSetMetaData meta = RsJual.getMetaData();
        int col = meta.getColumnCount();
        int baris = 0;
        while(RsJual.next()) {
            baris = RsJual.getRow();
        }
        CustomFormat cf=new CustomFormat();
        dataTable = new Object[baris][col];
        int x = 0;
        RsJual.beforeFirst();
        while(RsJual.next()) {
            dataTable[x][0] = RsJual.getString("no_jual");
            dataTable[x][1] = RsJual.getDate("tgl_jual");
            dataTable[x][2] = RsJual.getString("nm_konsumen");
            dataTable[x][3] = RsJual.getString("kd_brg");
            dataTable[x][4] = RsJual.getString("nm_barang");
            dataTable[x][5] = cf.customFormat("###,###.##",RsJual.getDouble("harga_jual"));
            dataTable[x][6] = RsJual.getInt("jml_jual");
            dataTable[x][7] = RsJual.getDouble("totjual");
            x++;

                    dataTable[x][7] = RsJual.getDouble("totjual");
                    x++;

            }
            tblLapJual.setModel(new DefaultTableModel(dataTable,header));
            //aturTabel();

    }
    catch(SQLException e)
    {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void cmdCariActionPerformed(java.awt.event.ActionEvent evt) {
    baca_data();
}


private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        ExportToExcel ex=new ExportToExcel(tblLapJual, new File("DataPenjualan.xls"));
        //exportToExcel(tblBrg, new File("DataBarang.xls"));
        JOptionPane.showMessageDialog(null, "Sukses Export data .....");
    }catch(Exception e)
    {JOptionPane.showMessageDialog(null, e);

    }
}
```

```java
    /
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        Look and feel setting code (optional)

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new LapPenjualan().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton cmdCari;
    private datechooser.beans.DateChooserCombo dtAkhir;
    private datechooser.beans.DateChooserCombo dtAwal;
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JTable tblLapJual;
    // End of variables declaration
}
```