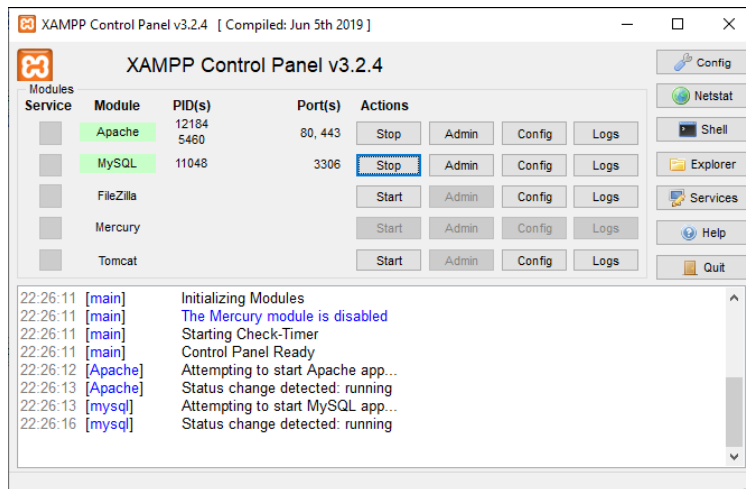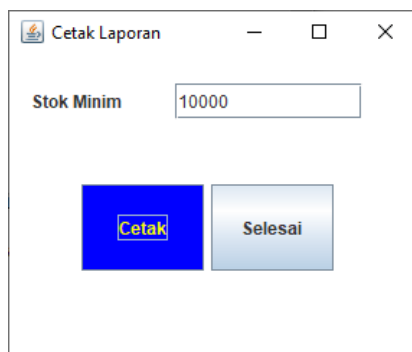# Cetak Barang (Pertemuan ke 13)
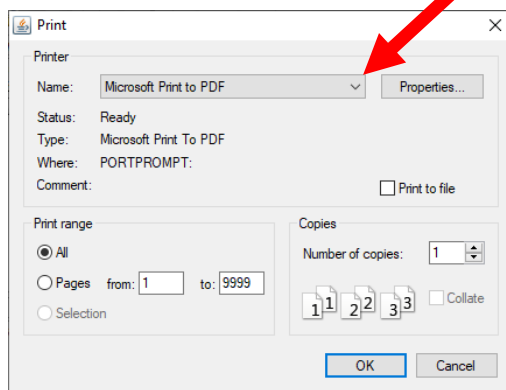
- Jalankan XAMPP terlebih dahulu

Program 01 :

Output program :

Hasil disimpan di Pdf :

Isikan nama file pdfnya
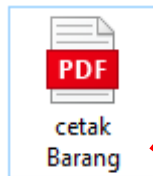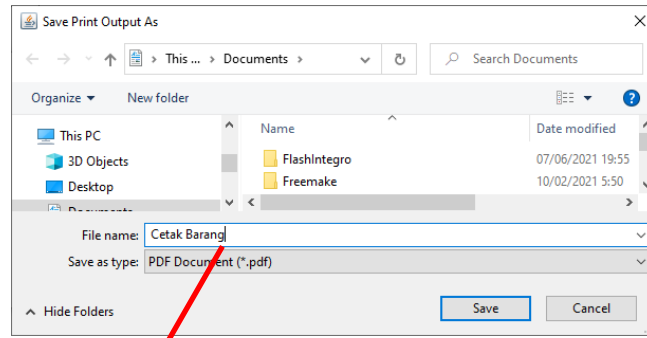
Output :
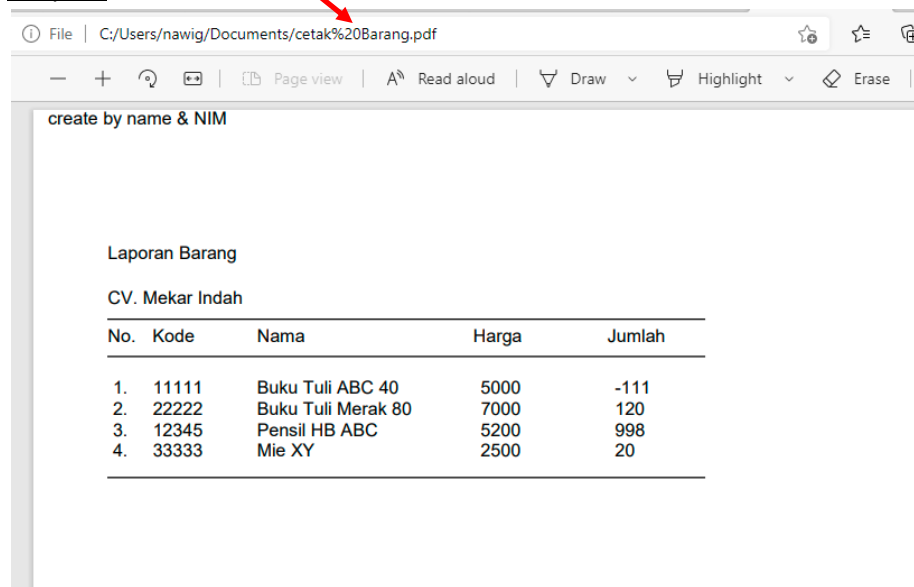
kode program sebagai berikut :

```java
import java.awt.Graphics;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;

import javax.swing.JPanel;

import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.sql.*;
import javax.swing.table.DefaultTableModel;
```

```java
public class CetakBarangMin05049 extends JFrame implements ActionListener
{
        private JPanel                  pBrg        = new JPanel();
        private JLabel                  lMinim      = new JLabel ("Stok Minim   ");

        private JTextField      fKode       = new JTextField ();

        private JButton         btnAdd      = new JButton (),
                                          btnSelesai  = new JButton ();

        private ResultSet rs;
        String[] header = {"Kode","Nama","Harga Beli"};

        DefaultTableModel tabMode1;
        JTable tabel = new JTable();
        JScrollPane skrTabel = new JScrollPane();
        Integer isikanjml = 5;


        public CetakBarangMin05049() {
                setPreferredSize(new Dimension(300,250));
                setTitle("Cetak Laporan");
                setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

                new BorderLayout();
                JDesktopPane pBrg = new JDesktopPane();
                add(pBrg, BorderLayout.CENTER);

                /* Mengatur letak objek Label Di container*/
                lMinim.setBounds (15, 20, 100, 25);

                /* Mengatur letak objek Text Di Container */
                fKode.setBounds (115, 20, 130, 25);

                /* Mengatur letak objek Button di Container */
                btnAdd.setBounds (50, 90, 85, 60);
                btnAdd.setLabel("Cetak");
                btnAdd.setBackground(Color.BLUE);
                btnAdd.setForeground(Color.getHSBColor(250,0,255));
                btnSelesai.setBounds (140, 90, 85, 60);
                btnSelesai.setLabel("Selesai");
                btnSelesai.setToolTipText("Mengakhiri Program");

                /* Objek Button di Non Aktifkan dan di aktifkan */
                btnAdd.setEnabled(true);
                btnSelesai.setEnabled(true);

                // Mengatur objek untuk dapat berinteraksi
                btnAdd.addActionListener (this);
                btnSelesai.addActionListener (this);


                // Meletakkan seluruh kontrol pada objek panel */
                pBrg.add (lMinim);
                pBrg.add (fKode);
                pBrg.add (btnAdd);
                pBrg.add (btnSelesai);

                /* Menambahkan objek panel (pBrg) ke container frame */
                //getContentPane().add (pBrg);

                /* Menampilkan frame ke layar monitor */
                pack();
                setLocationRelativeTo(null);
                setVisible (true);

        }
```

```java
        public static void main(String[] args) {
                new CetakBarangMin05049().setVisible(true);
        }




        /* Fungsi jika user melakukan action penekanan tombol Button */
        public void actionPerformed (ActionEvent ae) {
                Object obj = ae.getSource();

                if (obj == btnAdd)
                        {
                                CetakOK();
                        }


                if (obj == btnSelesai)
                        {
                                //System.exit(0);
                                this.dispose();
                        }
        }



        // Fungsi untuk menambahkan data ke tabel barang
        void CetakOK()
        {
    try {
      PrinterJob pjob = PrinterJob.getPrinterJob();
      pjob.setJobName("Graphics Demo Printout");
      pjob.setCopies(1);
      pjob.setPrintable(new Printable()
      {
        public int print(Graphics g1, PageFormat pf, int pageNum) {
          if (pageNum > 0) // we only print one page
            return Printable.NO_SUCH_PAGE; // ie., end of job

          g1.drawString("create by name & NIM", 10, 10);
          //cetak data....................................
                try
                {

                        //Koneksi ke table barang..................
                        KoneksiDBMS CnPenjualan = new KoneksiDBMS();
                        Connection con = CnPenjualan.BukaCn();
                        Statement stat = con.createStatement();
                        isikanjml = Integer.parseInt(fKode.getText());
                        String strsql = "SELECT * FROM barang5049 where jumlah <= '" +
isikanjml + "'";

                        ResultSet rs = stat.executeQuery(strsql);

                        int i1, x1, y1;

                        //Header
                        g1.drawString("Laporan Barang", 50, 100);
                        g1.drawString("CV. Mekar Indah", 50, 130);
                        g1.drawLine(50, 140, 450, 175);
                        g1.drawString("No.", 50 ,155);
                        g1.drawString("Kode", 80, 155);
                        g1.drawString("Nama", 150, 155);
                        g1.drawString("Harga", 295, 155);
                        g1.drawString("Jumlah", 582, 155);
                        g1.drawLine(50, 125, 450, 165);
```

```
                        x1 = 50;
                        y1 = 190;
                        i1 = 1;

                        //Cetak Record Barang................
                        while(rs.next())
                        {
                                g1.drawString(" " + i1 + ".", 50, y1);
                                g1.drawString(rs.getString(1),80,y1);
                                g1.drawString(rs.getString(2),150,y1);
                                g1.drawString(rs.getString(3),300,y1);
                                g1.drawString(rs.getString(5),390,y1);
                                y1 += 14;
                                i1++;

                        }

                        g1.drawLine(x1, y1, 450, y1);

                        rs.close();
                        con.close();

                }
                catch(Exception e)
                {
                        System.out.println("Ada Kesalahan !");
                }

          return Printable.PAGE_EXISTS;
        }
    });

    if (pjob.printDialog() == false) // choose printer
      return;
    pjob.print();
  } catch (PrinterException pe) {
   pe.printStackTrace();
  }
    }

}
```

Program 02 :

kode program :

cetak barang keseluruhan

```
import java.awt.Graphics;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;

import java.sql.*;

import javax.swing.JPanel;


public class CetakBarang05049 extends JPanel {
```

```java
public static void main(String[] args) {
    try {
        PrinterJob pjob = PrinterJob.getPrinterJob();
        pjob.setJobName("Graphics Demo Printout");
        pjob.setCopies(1);
        pjob.setPrintable(new Printable()
        {
            public int print(Graphics g1, PageFormat pf, int pageNum) {
                if (pageNum > 0) // we only print one page
                    return Printable.NO_SUCH_PAGE; // ie., end of job

                g1.drawString("create by name & NIM", 10, 10);
                //cetak data..................................
                    try
                    {
                            //Koneksi ke table barang..................
                            KoneksiDBMS CnPenjualan = new KoneksiDBMS();
                            Connection con = CnPenjualan.BukaCn();
                            Statement stat = con.createStatement();

                            String strsql = "SELECT * FROM barang5049";
                            ResultSet rs = stat.executeQuery(strsql);

                            int i1, x1, y1;

                            //Header
                            g1.drawString("Laporan Barang", 50, 100);
                            g1.drawString("CV. Mekar Indah", 50, 130);
                            g1.drawLine(50, 140, 500, 140);
                            g1.drawString("No.", 50 ,155);
                            g1.drawString("Kode", 80, 155);
                            g1.drawString("Nama", 150, 155);
                            g1.drawString("Harga", 300, 155);
                            g1.drawString("Harga", 320, 155);
                            g1.drawLine(50, 165, 500, 165);
                            x1 = 50;
                            y1 = 190;
                            i1 = 1;

                            //Cetak Record Barang.................
                            while(rs.next())
                            {
                                    g1.drawString(" " + i1 + ".", 50, y1);
                                    g1.drawString(rs.getString(1),80,y1);
                                    g1.drawString(rs.getString(2),150,y1);
                                    g1.drawString(rs.getString(3),300,y1);
                                    g1.drawString(rs.getString(4),450,y1);
                                    y1 += 14;
                                    i1++;

                            }

                            g1.drawLine(x1, y1, 500, y1);

                            rs.close();
                            con.close();

                    }
```

```
        catch(Exception e)
        {
            System.out.println("Ada Kesalahan !");
        }

   return Printable.PAGE_EXISTS;
 }
});

if (pjob.printDialog() == false) // choose printer
  return;
pjob.print();
} catch (PrinterException pe) {
pe.printStackTrace();
}
}
}

}
```

Selamat mencoba