LAMPIRAN

```
{Program Skripsi untuk membaca input masukan dan mengeluarkan
hasil pada monitor server serta menyimpan hasilpada monitor server
serta menyimpan dalam format BMP

 Nama : Hendro Gunawan
 NRP  : 5103097082
 Sistem Operasi : Windows 95
 Kompiler       : Turbo Pascal V7.0
 Komputer       : Pentium MMX
 Memory         : 32 MB
 Revisi Terakhir : 23-7-2001}

Program Skripsi;
uses crt, dos, graph;
const
      pa        = $300;  {alamat PPI port A yang dipakai}
      pb        = $301;  {alamat PPI port B yang dipakai}
      pc        = $302;  {alamat PPI port C yang dipakai}
      pcw_ppi   = $303;  {alamat control word dari PPI}
      cw_ppi    = $80;   {inisialisasi PPI}

      pcw_pit   = $307;  {alamat control word dari PIT}
      cw_pit    = $34;   {inisialisasi PIT}
      pit0   = $304;     {PIT0/counter0 yang dipakai}
      adc    = $308;     {alamat pengaktifan ADC}
      dac0   = $30A;     {alamat pengaktifan DAC0}
      dac1   = $30C;     {alamat pengaktifan DAC1}

  bmphead :array[1..118] of byte =  {header BMP}

  { BM } (66,77,
          118,
          8,
          0,
          0,0,0,0,0,
          118,0,0,0,40,
          0,0,0,
  { br }  0,2,          { (2x256)+0 = 512 pixels }
          0,0,
  { ho }  0,1,          { (1x256)+0 = 256 pixels }
          0,0,1,0,4,
          0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
    { 0}  0,0,0,0,
    { 1}  170,0,0,0,
    { 2}  0,170,0,0,
    { 3}  170,170,0,0,
    { 4}  0,0,170,0,
    { 5}  170,0,170,0,
    { 6}  0,85,170,0,
    { 7}  170,170,170,0,
    { 8}  85,85,85,0,
    { 9}  255,0,0,0,
    {10}  0,255,0,0,
    {11}  255,255,0,0,
    {12}  0,0,255,0,
    {13}  255,0,255,0,
```

```
   {14}   0,255,255,0,
   {15}   255,255,255,0);

var Grdriver, Grmode,code,sample     : integer;
    nl,nh,n, i,dac,ch,sam,z1,da,fs,tanda,m,b  : word;
    sampling,j,k,gb  : word;
    data : array[0..1025] of integer;
    x0,tb,c :integer;
    a:real;
    f:text;
    s:string[10];

procedure baca_adc; interrupt;       {procedure membaca ADC}
begin
   x0:=portw[ADC] and $0FFF;  { baca dari adc 12 bit dari 16 bit
jalur yang ada}
   portw[DAC]:= x0;            {dac baca data dari adc}
   if sampling=0 then data[n]:= x0;
   inc(n);                 { increment counter data }
   if n>sample then
   begin
      n:=0;
      sampling:=1;  { sampling=1 <==> data ditampilkan }
      port[$21]:=port[$21] or $20; {disable IRQ 5 8259}
   end;
   port[$20]:=$20;  { End Of Interrupt PIC 8259 master }
end;

procedure Init_Graph; {menginisialisasi grafik}
begin
   grDriver := Detect;
   InitGraph(grDriver, grMode,'c:\pascal ');
   if GraphResult<> grOk then halt;
end;

procedure frame_osc;     {menampilkan Frame layar Osciloscope }
begin
     line(50,32,512,32); line(50,64,512,64);
     line(50,96,512,96); line(50,128,512,128);
     line(50,160,512,160); line(50,192,512,192);
     line(50,224,512,224);
     line(52,0,52,255);  line(104,0,104,255); line(156,0,156,255);
     line(208,0,208,255);line(260,0,260,255); line(312,0,312,255);
     line(370,0,370,255);line(422,0,422,255); line(474,0,474,255);
end;

procedure setvideo;          { set screen on 640 x 480 x 16 }
var
  grDriver : Integer;
  grMode   : Integer;

begin
  grDriver :=vga;
  grMode   :=vgahi;
  initgraph(grDriver,grMode,'c:\pascal');
end;
```

```
procedure save_bmp; {procedure menyimpan gambar BMP}
var
  f          :file;
  x,y,p      :integer;
  r,rr,pal   :byte;

begin
  assign(f,'c:\website\cgi-shl\'+s+'.BMP');
{menulis file hasil simulasi gambar bmp ke direktori cgi-shl}
  rewrite(f,1);                          {menulis ke file}
  for p :=1 to 118 do blockwrite(f,bmphead[p],1);
  for y :=255 downto 0 do begin      {256 pixels}
    for x :=0 to 511 do begin        {512 pixels}
      r :=getpixel(x,y);
      {membaca pixel layar dari kanan bawah sampai kiri atas}
      rr :=getpixel(x+1,y);
      {membaca pixel ke kiri}
      pal :=(r*16)+rr;
      {membandingkan dengan palete warna}
      blockwrite(f,pal,1);
      inc(x);
    end;
  end;
  close(f);      {menutup file}
end;

function IntToStr(z1: word): String;
{Mengubah integer menjadi string}
begin
 Str(z1, S);
 IntToStr := S;
end;

procedure main;
begin   {program utama}
   clrscr;
   inttostr(z1);
   assign(f, 'c:\website\htdocs\'+s+'.txt');
   {menulis file hasil simulasi teks ke direktori htdocs}
   rewrite(f);                    {menulis ke file}
   setvideo;    {mengatur jenis vga}

   case da of
   0:dac:=$30A; {dac0}
   1:dac:=$30C; {dac1}
   end;

   case fs of
   0:begin nl:=196;nh:=09; end; {frekuensi sampling =100Hz}
   1:begin nl:=226;nh:=04; end; {frekuensi sampling =200Hz}
   2:begin nl:=244;nh:=01; end; {frekuensi sampling =500Hz}
   3:begin nl:=250;nh:=00; end; {frekuensi sampling =1000Hz}
   end;
```

```
case sam of
0:sample:=128;      {sample 128}
1:sample:=256;      {sample 256}
2:sample:=512;      {sample 512}
3:sample:=1024;    {sample 1024}
end;

init_graph;          {inisialisasi grafik}
port[pcw_ppi]:=cw_ppi;  { inisialisasi ppi 8255 }
port[pc]:= ch;       { channel 0  <- pilih channel multiplexer}
port[pcw_pit]:= cw_pit; {Mode 2 untuk Counter0 PIT 8254}
port[pit0]    := nL;
port[pit0]    := nH;
sampling:=0; n:=0;
setviewport(50,5,562,260,true);
setintvec($0D,@baca_adc);  {set alamat IRQ5}
port[$21]:= port[$21] and $DF;  {enable IRQ5}
i:=portw[ADC];                  { buang isi buffer port A }
i:=0;  tb:=1;
if sample=128 then tb:=8;
   {jika sample=128 maka sample digeser 8}
if sample=256 then tb:=4;
   {jika sample=256 maka sample digeser 4}
if sample=512 then tb:=2;
   {jika sample=512 maka sample digeser 2}
repeat
 if data[i}>tanda then tanda:=data[i];
    if i=sample then
    begin
         if tanda<2300 then
         begin
           for m:=0 to sample do
               begin
                 outtextXY(5,245,'-1 V');
                     {menampilkan -1 V pada sumbu y}
                 outtextXY(5,128,'0 V');
                     {menampilkan 0 V pada sumbu y}
                 outtextXY(5,0,'+1 V');
                     {menampilkan +1 V pada sumbu y}
                 a:=3.5;b:=315;
               end;
          end
    else
    begin
    for m:=0 to sample do
        begin
        outtextXY(5,245,'-3.5 V');
         {menampilkan -3.5 V pada sumbu y}
        outtextXY(5,128,'0 V');
         {menampilkan 0 V pada sumbu y}
        outtextXY(5,0,'+3.5 V');
         {menampilkan +3.5 V pada sumbu y}
        a:=1;b:=0;
        end;
    end;
    end;
```

```
    inc(i);
  until i>sample;

  frame_osc; {memanggil prosedur frame osc}
  i:=0;
     setcolor(10);
     repeat
       if sampling=1 then
       begin
          c:=round(a*(255-data[i-1] shr 4))-b;
          moveto(50+i*tb,round(a*(255-data[i-1] shr 4))-b);
           {menggerakkan kursor}
          lineto(50+i*tb,round(a*(255-data[i] shr 4))-b);
           {mengambar garis ke layar}
          outtextXY(474,130,'T');
       end;
     writeln(f,'y[',i:4,']:=',data[i-1],';');
           {menulis nilai data ke file}
     inc(i);
     until i> sample;
if (255-data[i] shr 4)=255 then save_bmp;
     {menyimpan tampilan layar ke file demo.bmp}
port[$21]:=port[$21] or $20;      {disable IRQ5 8259}
closegraph;       {menutup grafik}
close(f); {menutup file}
end;

begin
   for i := 1 to paramcount do
      writeln(paramstr(i));
   val(paramstr(1),da,code); {baca variabel dac}
   val(paramstr(2),fs,code);  {baca variabel frekuensi sample}
   val(paramstr(3),sam,code); {baca variabel sampel}
   val(paramstr(4),gb,code); {baca variabel gambar}
tanda:=0;
m:=0;a:=0;b:=0;
for z1:=0 to gb do begin {perulangan untuk variabel gambar}
main;
end;
cleardevice; {membersihkan device yang ada}
end.
```

```
{Program Mengubah Format Gambar BMP Menjadi JPG
 Nama : Hendro Gunawan
 NRP  : 5103097082
 Sistem Operasi : Windows 95
 Kompiler       : Turbo Pascal V7.0
 Komputer       : Pentium MMX
 Memory         : 32 MB}

{$APPTYPE CONSOLE}

PROGRAM BMPtoJPG;
  USES
    Graphics,     // TBitmap
    JPEG,         // TJPEGImage
    SysUtils;     // FindFirst, FindNext, FindLast

  VAR
    Bitmap       :  TBitmap;
    BMPFileName  :  STRING;
    FilePath     :  STRING;
    FileSpec     :  STRING;
    i            :  INTEGER;
    JPEGFilename:   STRING;
    JPEGImage    :  TJPEGImage;
    Quality      :  INTEGER;
    ReturnCode   :  INTEGER;
    SearchRec    :  TSearchRec;
    StartIndex   :  INTEGER;

BEGIN
  IF   ParamCount = 0
  THEN BEGIN
   WRITELN ('BMPtoJPG');
   WRITELN;
   WRITELN ('Syntax: BMPtoJPG [quality] filespec1 [filespec2
...]');
    WRITELN;
    WRITELN ('Any number of input files (with wildcards) are
allowed.');
    WRITELN ('Quality = 1..100 or will be treated as a
filespec.');
    WRITELN ('".BMP" is appended to file specifications if
absent.');
    WRITELN ('Output files will have the same name as input files
but with');
    WRITELN ('quality value nnn and .JPG  extension.')

  END
  ELSE BEGIN
    StartIndex := 1;
    Quality := 90;   // Default value
    TRY
      Quality := StrToInt(ParamStr(1));
      IF   (Quality >= 1) AND (Quality <= 100)
      THEN INC(StartIndex)
    EXCEPT
```

```
    // Ignore conversion error
  END;


  FOR i := StartIndex TO ParamCount DO
  BEGIN
    FileSpec := ParamStr(i);
    IF   POS('.BMP', UpperCase(ParamStr(i))) = 0
    THEN FileSpec := FileSpec + '.BMP';

    FilePath := ExtractFilePath(FileSpec);
    ReturnCode := FindFirst(FileSpec, faAnyFile, SearchRec);
    WHILE  ReturnCode = 0 DO
    BEGIN

      BMPFilename := FilePath + SearchRec.Name;
      WRITE (BMPFilename, ' -> ');

      Bitmap := TBitmap.Create;
      TRY
        Bitmap.LoadFromFile(BMPFilename);

        JPEGImage := TJPEGImage.Create;
        TRY
          JPEGImage.CompressionQuality := Quality;
          // Convert BMP to JPG
          JPEGImage.Assign(Bitmap);

          // Strip off '.BMP'
          JPEGFilename := COPY(BMPFilename, 1,
LENGTH(BMPFilename)-4);
          JPEGFilename := JPEGFilename + Format('%3.3d',
[Quality]) + '.JPG';

          JPEGImage.SaveToFile(JPEGFilename);
          WRITELN (JPEGFilename)
        FINALLY
          JPEGImage.Free
        END

      FINALLY
        Bitmap.Free
      END;

      ReturnCode := FindNext(SearchRec)
    END;

    FindClose(SearchRec)
  END

END
END {BMPtoJPG}.
```

Listing Program "pindah.pas"

```
{Program Memindah File
 Nama : Hendro Gunawan
 NRP  : 5103097082
 Sistem Operasi : Windows 95
 Kompiler       : Turbo Pascal V7.0
 Komputer       : Pentium MMX
 Memory         : 32 MB}
{$M $4000,0,0 }    { 16K stack, no heap }
uses Dos;
begin
exec('c:\windows\command\move.exe','c:\website\cgi-sh\*.jpg
c:\website\htdocs');
end.
```

```
$file="/website/htdocs/submit.html";
<!-- file berisi link ke teks-->
$gambar="/website/htdocs/gambar.html";
<!-- file berisi link ke gambar-->
$dat="/website/htdocs/data.txt";
<!-- file berisi log pilihan -->
$temp=$ENV{'QUERY_STRING'}; <!--konversi dari hasil action get-->
@pairs=split(/&/,$temp);
foreach $item(@pairs)
 {
 ($key,$content)=split(/=/,$item,2);
 $content=~tr/+/ /;
 $content=~s/%(..)/pack("C",hex($1))/ge;
 $fields{$key}=$content;
 }

$r=`skripsi $fields{da} $fields{fs} $fields{sam} $fields{gb}`;
<!--menjalankan  program skripsi -->
$c=`bmptojpg 20 *`;
<!--menjalankan  program bmptojpg -->
$m=`pindah`;
<!--menjalankan  program pemindahan file -->

open (file2, "> $dat"); <! -- membuka file log -- >
print file2 $fields{da},$fields{fs},$fields{sam},$fields{gb};
<! -- mencetak variabel da, fs, sam, gb pada file log -- >
close (file2);
<! -- menutup file log -- >

open (file2, "> $file"); <! -- membuka file submit -- >
print file2 "<html><body>"; <! -- menulis header html -- >
print file2 "DAC yang dipakai adalah DAC $fields{da} <br> ";
<! -- menulis variabel da -- >
print file2 "Frekuensi sampling ";
<! -- menulis variabel fs -- >
if ($fields{fs}==0) {
print file2 "100 Hz "; <! -- cetak frekuensi sampling 100Hz -->
}

if ($fields{fs}==1) {
print file2 "200 Hz "; <! -- cetak frekuensi sampling 200Hz -->
}

if ($fields{fs}==2) {
print file2 "500 Hz "; <! -- cetak frekuensi sampling 500Hz -->
}

if ($fields{fs}==3) {
print file2 "1000 Hz "; <! -- cetak frekuensi sampling 1000Hz -->
}

print file2 "<br>Jumlah sample input ";
<! -- menulis variabel sample -- >
if ($fields{sam}==0) {
print file2 "128"; <! -- cetak sample 128 -->
}
```

```
if ($fields{sam}==1) {
print file2 "256"; <! -- cetak sample 256 -->
}

if ($fields{sam}==2) {
print file2 "512"; <! -- cetak sample 512 -->
}

if ($fields{sam}==3) {
print file2 "1024"; <! -- cetak sample 1024 -->
}

print file2 "<br>Hasil berupa teks <br>";
<! -- menulis link ke file teks -- >
if ($fields{gb}==0) {
print file2 "<a href='http://balmer.eng.wima.ac.id/0.txt'
target='new window'>0.txt</a>";}
<! -- mencetak link ke 1 file teks (ch 0)untuk pilihan gb =0 -- >

if ($fields{gb}==1) {
print file2 "<a href='http://balmer.eng.wima.ac.id/0.txt'
target='new window'>0.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/1.txt' target='new
window'>1.txt</a>";}
<! -- mencetak link ke 2 file teks (ch 0, 1)
untuk pilihan gb =1 -- >

if ($fields{gb}==3) {
print file2 "<a href='http://balmer.eng.wima.ac.id/0.txt'
target='new window'>0.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/1.txt' target='new
window'>1.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/2.txt' target='new
window'>2.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/3.txt' target='new
window'>3.txt</a>";}
<! -- mencetak link ke 4 file teks (ch 0-3)
untuk pilihan gb =3 -- >

if ($fields{gb}==7) {
print file2 "<a href='http://balmer.eng.wima.ac.id/0.txt'
target='new window'>0.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/1.txt' target='new
window'>1.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/2.txt' target='new
window'>2.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/3.txt' target='new
window'>3.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/4.txt' target='new
window'>4.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/5.txt' target='new
window'>5.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/6.txt' target='new
window'>6.txt</a> 
      <a href='http://balmer.eng.wima.ac.id/7.txt' target='new
window'>7.txt</a>";}
```

```
<! -- mencetak link ke 8 file teks (ch 0-7) untuk pilihan gb =7 --
>

print file2 "</body></html>";
<! -- menulis header penutup html -- >
close (file2); <! - menutup file submit -- >

open (file1, "> $gambar"); <! -- menulis file gambar -- >
print file1 "<html><head>"; <! -- menulis header html -- >
print file1 "<SCRIPT LANGUAGE=\"JavaScript\">
<! -- menulis header JavaScript -- >
      <!-- Hide from older browsers
      var x = 121 <! - mengisi variabel x -- >
      var y = 1 <! - mengisi variabel y -- >

      function startclock() {
<! -- fungsi menghitung mundur jam -- >
        x = x-y
        document.form0.clock.value = x
<! -- menulis waktu pada html -- >
        timerID = setTimeout(\"startclock()\", 1000)
<! - mengatur delay jam -- >
              }
// End Hiding -->
</script>"; <! -- menulis header penutup javascript -- >
print file1 "</head>"; <! -- menulis header html -->
print file1 "<body onload=\"startclock()\">";
<! -- memanggil fungsi startclock -- >
print file1 "<center><FORM NAME=\"form0\">
      Halaman akan di reload dalam <INPUT TYPE=\"text\"
NAME=\"clock\" SIZE=\"4\" VALUE=\"\"> detik</center><br>";
<! -- mencetak waktu yang ditampilkan pada html -- >

if ($fields{gb}==0) {
print file1 "<img src='http://balmer.eng.wima.ac.id/0020.jpg'>";}
<! -- mencetak gambar ch 0 dengan kualitas 20% -- >

if ($fields{gb}==1) {
print file1 "<center><a
href='http://balmer.eng.wima.ac.id/0020.jpg'><img
src='http://balmer.eng.wima.ac.id/0020.jpg'
width=350></a>  <a
href='http://balmer.eng.wima.ac.id/1020.jpg'><img
src='http://balmer.eng.wima.ac.id/1020.jpg'
width=350></a></center>";}
<! -- mencetak gambar ch 0, 1 dengan kualitas 20% -- >

if ($fields{gb}==3) {
print file1 "<center><a
href='http://balmer.eng.wima.ac.id/0020.jpg' target='new window' >
            <img src='http://balmer.eng.wima.ac.id/0020.jpg'
height=130></a> 
            <a href='http://balmer.eng.wima.ac.id/1020.jpg'
target='new window' >
```

```
            <img src='http://balmer.eng.wima.ac.id/1020.jpg'
height=130></a><br><br>
            <a href='http://balmer.eng.wima.ac.id/2020.jpg'
target='new window' >
            <img src='http://balmer.eng.wima.ac.id/2020.jpg'
height=130></a> 
            <a href='http://balmer.eng.wima.ac.id/3020.jpg'
target='new window' >
            <img src='http://balmer.eng.wima.ac.id/3020.jpg'
height=130></a></center>";}
<! -- mencetak gambar ch 0-3 dengan kualitas 20% -- >


if ($fields{gb}==7) {
print file1 "<center> <a
href='http://balmer.eng.wima.ac.id/0020.jpg' target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/0020.jpg'
height=90></a>
                  <a href='http://balmer.eng.wima.ac.id/1020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/1020.jpg'
height=90></a>
                  <a href='http://balmer.eng.wima.ac.id/2020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/2020.jpg'
height=90></a>
                  <a href='http://balmer.eng.wima.ac.id/3020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/3020.jpg'
height=90></a><br><br>
                  <a href='http://balmer.eng.wima.ac.id/4020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/4020.jpg'
height=90></a>
                  <a href='http://balmer.eng.wima.ac.id/5020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/5020.jpg'
height=90></a>
                  <a href='http://balmer.eng.wima.ac.id/6020.jpg'
target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/6020.jpg'
height=90></a>
                    <a
href='http://balmer.eng.wima.ac.id/7020.jpg' target='new window'>
                  <img src='http://balmer.eng.wima.ac.id/7020.jpg'
height=90></a></center>";}
<! -- mencetak gambar ch 0-7 dengan kualitas 20% -- >

print file1 "</body></html>";
<! -- menulis header penutup html -- >
close (file1); <! -- menutup file gambar -- >

print "Content-type: text/html\n\n"; <! -- header html -- >
print "<html><head><title>Hasil Simulasi</title>";
<! -- menulis header dan judul -- >
print "<META HTTP-EQUIV=\"pragma\" CONTENT=\"no-cache\">";
```

```
print "<META HTTP-EQUIV=\"refresh\" CONTENT=\"120\"
URL=\"http://balmer.eng.wima.ac.id/cgi-
shl/index.pl?&da=$fields{da}&fs=$fields{fs}&sam=$fields{sam}&gb=$f
ields{gb}\">";
<! -- menulis meta http sehingga dapat merefresh html -- >
print "<frameset frameborder=0 rows=\"75%,25%\">";
<! -- mengatur ukuran frame html -- >
print "<frame src='http://balmer.eng.wima.ac.id/gambar.html'
scrolling=no > ";
<! -- menampilkan file gambar.html pada frame atas -- >
print "<frame src='http://balmer.eng.wima.ac.id/submit.html'
scrolling=no >";
<! -- menampilkan file submit.html pada frame bawah -- >
print "</frameset>"; <! -- menutup header frame -- >
print "</head></html>"; <! -- menutup header html -- >
```

```
<html> <!-- header html -- >
<head> <!-- header head -- >
<title> <!-- header title -- >
Akuisisi Data Melalui WEB
</title> <!-- header penutup title -- >
</head> <!-- header penutup head -- >
<form method=GET action=http://balmer.eng.wima.ac.id/cgi-
shl/index.pl>
<! -- form dengan action get dengan tujuan file index.pl -- >
DAC yang dipakai :
<! -- menampilkan pilihan DAC -- >
<select name="da">
<option value="0" selected> DAC 0 </option>
<option value="1"> DAC 1 </option>
</select>
<br>
<br>
Frekuensi sampling :
<! -- menampilkan pilihan Frekuensi Sampling -- >
<select name="fs">
<option value="0" selected> 100 Hz </option>
<option value="1"> 200 Hz </option>
<option value="2"> 500 Hz </option>
<option value="3"> 1000 Hz </option>
</select>
<br>
<br>
Jumlah sample input yang dipakai :
<! -- menampilkan pilihan Sample -- >
<select name="sam">
<option value="0" selected> SAMPLE 128 </option>
<option value="1"> SAMPLE 256 </option>
<option value="2"> SAMPLE 512 </option>
<option value="3"> SAMPLE 1024 </option>
</select>
<br>
<br>
Jumlah gambar:
<! -- menampilkan pilihan Gambar -- >
<select name="gb">
<option value="0" selected> 1 </option>
<option value="1"> 2 </option>
<option value="3"> 4 </option>
<option value="7"> 8 </option>
</select>
<br>
<br>
<input type=submit value=OK>      <input type=reset value=Batal>
<! -- menampilkan tombol OK dan Batal -- >
</form> <! -- menutup form -- >
<br><br><br>
<b><center>Akuisisi Data Melalui WEB</center></b>
<center>oleh: </center>
<center>Hendro Gunawan (5103097082)</center>
<center>&copy; 2001 Hendro, Allright Reserved</center>
</html> <! -- menutup header html -- >
```